

20010524.qrp v02_n199.qrl.20010524

Date: Thu, 24 May 2001 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2199

QRP-L Digest 2199

Topics covered in this issue include:

- 1) [98731] FS TS 530...../with BUGS
by RangerSF5@aol.com
- 2) [98732] Re: Family Radio Service & "Irradiation" of Passive Antennae
by Bill Stietenroth <k5zty@juno.com>
- 3) [98733] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
by Bruce Muscolino <w6toy@erols.com>
- 4) [98734] WTB: ICOM FL101 CW Filter
by "Alan Fryer" <qrpdx@earthlink.net>
- 5) [98735] NorCal Paddles K8FF
by "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
- 6) [98736] K9AY Project
by "Michael Melland" <w9wis@charter.net>
- 7) [98737] SWL: BBC to cease NA broadcasting
by "Rod Cerkoney" <n0rc@hotmail.com>
- 8) [98738] Re: [Elecrafft] SWL: BBC to cease NA broadcasting
by Phil Wheeler <w7ox@earthlink.net>
- 9) [98739] Mosley triband beam for sale
by "Dave Dabay" <kd3pc@mindspring.com>
- 10) [98740] Re: SWL: BBC to cease NA broadcasting
by "George, W5YR" <w5yr@att.net>
- 11) [98741] RE: SWL: BBC to cease NA broadcasting
by Dave Fouchey <dafouchey@home.com>
- 12) [98742] Weller WTCPT Soldering Station
by "George, W5YR" <w5yr@att.net>
- 13) [98743] Re: [CQ-Contest] FS / trade: W9XT Contest Card-
by n4gi@juno.com
- 14) [98744] Items for sale
by "Kenneth Evans" <w4du@mediaone.net>
- 15) [98745] Fw: Ft Tuthill 2001
by "Bob Hightower" <nk7m@extremezone.com>
- 16) [98746] Sine/Square Wave Generator
by "Steve and Anne Ray" <sbralr@worldnet.att.net>
- 17) [98747] Re: SWL: BBC to cease NA broadcasting
by Donald E Sanders <w4bws@juno.com>
- 18) [98748] Re: QRP Headlight
by Donald E Sanders <w4bws@juno.com>
- 19) [98749] Need Schematic

- by Norman Young <norman_y@yahoo.com>
- 20) [98750] Jupiter POWER ---how low does it go
by "Jay Bromley" <w5jay@alltel.net>
- 21) [98751] WTB:Small Wonder SW-30+ Rig
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [98752] Don't Use End Insulators
by "James R. Duffey" <jamesd1@flash.net>
- 23) [98753] Re: [Elecraft] SWL: BBC to cease NA broadcasting
by Mike <mmorrow@companet.net>
- 24) [98754] Re: SWL: BBC to cease NA broadcasting
by Bob Nielsen <nielsen@oz.net>
- 25) [98755] /M Ops - fun but short Qs
by k0co <k0co@arrl.net>
- 26) [98756] 8,000 FT-817s Sold!!
by "James R. Duffey" <jamesd1@flash.net>
- 27) [98757] Mobile QRP - Antenna question
by "Kelly Ellison" <kelman@dialnet.net>
- 28) [98758] NEQRP CW Net, Thursday, 24 May, 8:30 PM EDT, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 29) [98759] HIGHER FREQS
by hamjoel@juno.com
- 30) [98760] Missing Analog Meters
by "James R. Duffey" <jamesd1@flash.net>
- 31) [98761] VHF and up qrp rig?
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 32) [98762] sdr.org Software Defined Radio
by "Rod Cerkoney" <n0rc@hotmail.com>
- 33) [98763] URL REQUEST
by RangerSF5@aol.com
- 34) [98764] Re: [Elecraft] SWL: BBC to cease NA broadcasting
by Phil Wheeler <w7ox@earthlink.net>
- 35) [98765] Re: sdr.org Software Defined Radio
by Rich Mulvey <rich@mulveyfamily.com>
- 36) [98766] Re: Don't Use End Insulators
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 37) [98767] Re: Missing Analog Meters
by "Jay Bromley" <w5jay@alltel.net>
- 38) [98768] Re: Mobile QRP - Antenna question
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 39) [98769] Re: WTB:Small Wonder SW-30+ Rig
by "George, W5YR" <w5yr@att.net>
- 40) [98770] Re: Mobile QRP - Antenna question
by John Wagner <john@neknetwork.com>
- 41) [98771] Re: Mobile QRP - Antenna question
by Russ Dow <n7dw@pacbell.net>
- 42) [98772] FS St. Louis Vertical
by k6mw <k6mw@jps.net>
- 43) [98773] [MH101] VFO pics tomorrow

by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
44) [98774] Re: Need Schematic
by adamvaz@palm.net (Adam Vazquez)
45) [98775] Re: URL REQUEST
by "blinn" <blinn@smgazette.com>
46) [98776] Re: [MH101] VFO pics tomorrow
by "blinn" <blinn@smgazette.com>
47) [98777] Re: VHF/UHF not FM only ...
by bejones@hursley.ibm.com
48) [98778] Kachina military manpack
by "Mark Paley" <mpaley@wcnet.org>
49) [98779] RE: Weller WTCPT Soldering Station
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
50) [98780] Re: [MH101] VFO pics tomorrow
by Bruce Muscolino <w6toy@erols.com>
51) [98781] Tripod For MP-1 or Similar Verticles
by Tim O'Rourke <TORourke@KaiserFT.com>
52) [98782] Re: Kachina military manpack
by Bruce Muscolino <w6toy@erols.com>
53) [98783] Re: Weller WTCPT Soldering Station
by Bruce Muscolino <w6toy@erols.com>
54) [98784] Re: SWL: BBC to cease NA broadcasting
by "Karl F. Larsen" <k5di@zianet.com>
55) [98785] Re: Mobile QRP - Antenna question
by "Dan W. Dooley" <dandooley@pipeline.com>
56) [98786] Re: Mobile QRP - Antenna question
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
57) [98787] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
by "Lau, Zack, W1VT" <zlau@arrl.org>
58) [98788] Re: Weller WTCPT Soldering Station
by "Steve Sorrell" <ap036@detroit.freenet.org>
59) [98789] Re: 'Lil RASCAL' PSK-31 interface FOLLOW-UP
by "Rod Cerkoney" <n0rc@hotmail.com>
60) [98790] kachina military manpack--thanks
by "Mark Paley" <mpaley@wcnet.org>
61) [98791] FS: K1
by "Rod Cerkoney" <n0rc@hotmail.com>
62) [98792] Re: Mobile QRP - Antenna question
by "blinn" <blinn@smgazette.com>
63) [98793] Re: [MH101] VFO pics tomorrow
by "blinn" <blinn@smgazette.com>
64) [98794] Superfest 2001, Loveland CO
by "Rod Cerkoney" <n0rc@hotmail.com>
65) [98795] VHF on SSB .. one way may be
by "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>
66) [98796] RE: Weller WTCPT Soldering Station
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
67) [98797] Re: Weller WTCPT Soldering Station

by "bob baxter" <rbaxter@cybertrails.com>
68) [98798] Re: Weller WTCPT Soldering Station
by Vance Huntsinger <vhuntsinger@iwic.net>
69) [98799] Re: Kachina military manpack
by William R Colbert <w5xe@juno.com>
70) [98800] Re: [MH101] VFO pics tomorrow
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
71) [98801] MOV's
by Joe Smith <joe@joesmith.net>
72) [98802] Re: Weller WTCPT Soldering Station
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
73) [98803] Re: Weller WTCPT Soldering Station
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
74) [98804] virus???????/PLEASE EAD
by RangerSF5@aol.com
75) [98805] Re: Kachina military manpack
by Phil Wheeler <w7ox@earthlink.net>
76) [98806] QRP-humor :-)
by "Oleg Borodin" <master72@lipetsk.ru>
77) [98807] Re: 'Lil RASCAL' PSK-31 interface FOLLOW-UP
by Jeff Stai WK6I <jstai@home.com>
78) [98808] Re: Weller WTCPT Soldering Station
by "Trevor Jacobs" <fxtech@earthlink.net>
79) [98809] Re: [MH101] VFO pics tomorrow
by "George, W5YR" <w5yr@att.net>
80) [98810] Re: Weller WTCPT Soldering Station
by Bruce Muscolino <w6toy@erols.com>
81) [98811] RE: Portable Antennas?--try an "Inverted WYE"
by "Draper, Bruce L" <draperbl@sandia.gov>
82) [98812] Re: Weller WTCPT Soldering Station
by "George, W5YR" <w5yr@att.net>
83) [98813] Re: FS: K1
by "Rod Cerkoney" <n0rc@hotmail.com>
84) [98814] Re: Portable Antennas?--try an "Inverted WYE"
by Louis Hlousek <lhlousek@nvhbell.net>
85) [98815] Re: Portable Antennas?--try an "Inverted WYE"
by "George, W5YR" <w5yr@att.net>
86) [98816] Re: Porable Antennas?--why a WYE?
by Louis Hlousek <lhlousek@nvhbell.net>
87) [98817] Try the C0 SuperFest
by "Paul Harden, NA5N" <na5n@rt66.com>
88) [98818] Re: Portable Antennas?--try an "Inverted WYE"
by "Steven Weber" <kd1jv@moose.ncia.net>
89) [98819] Re: [MH101] VFO pics tomorrow
by "Steven Weber" <kd1jv@moose.ncia.net>
90) [98820] CQ World Wide CW DX contest QRPp challange
by "Jim" <sunwatt@starband.net>
91) [98821] Sources for solar pannels/cells

- by ed.kwik@delphiauto.com
- 92) [98822] Crystal sources: 7040/7030
by Nils R Young <nilsbull@juno.com>
 - 93) [98823] RE: Sources for solar panels/cells
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
 - 94) [98824] Re: Try the C0 SuperFest
by "Rod Cerkoney" <n0rc@hotmail.com>
 - 95) [98825] Re: Crystal sources: 7040/7030
by "Ingo DK3RED" <dk3red@t-online.de>
 - 96) [98826] Painting Antennas
by "Tom Dufresne" <tdufres@hotmail.com>
 - 97) [98827] Re: Kachina military manpack
by Bob Nielsen <nielsen@oz.net>
 - 98) [98828] Re: Painting Antennas
by Bruce Muscolino <w6toy@erols.com>
 - 99) [98829] Re: CQ World Wide CW DX contest QRPP challenge
by N1EU <n1eu@yahoo.com>
 - 100) [98830] Re: HIGHER FREQS
by "laura halliday" <marsgal42@hotmail.com>
 - 101) [98831] Re: Weller WTCPT Soldering Station
by tailfeathers@juno.com
 - 102) [98832] Re: Weller WTCPT Soldering Station
by Arthur G Silvers <ags@ieee.org>
 - 103) [98833] [CONTEST] QRP Contest Calendar 5/26-6/5
by Ken Newman <N2CQ@citnet.com>
 - 104) [98834] RE: Painting Antennas
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
 - 105) [98835] Re: Weller WTCPT Soldering Station
by Arthur G Silvers <ags@ieee.org>
 - 106) [98836] Re: HIGHER FREQS
by "George, W5YR" <w5yr@att.net>
 - 107) [98837] Re: Sources for solar pannels/cells
by Jeff <fantbb@yahoo.com>
 - 108) [98838] Re: HIGHER FREQS
by Bill ROWLETT <kc4atu@yahoo.com>
 - 109) [98839] Fort Tuthill
by stjoh@ocsnet.net
 - 110) [98840] Re: These Flying Pigs
by Tom Isgro <k8cz@concentric.net>
 - 111) [98841] Re: Sources for solar pannels/cells
by Tom Popovic <ki3r@yahoo.com>
 - 112) [98842] Re: Don't Use End Insulators
by Dave Fouchey <dafouchey@home.com>
 - 113) [98843] portable antenna parts
by "Stuart Rohre" <rohre@arlut.utexas.edu>
 - 114) [98844] Re: Portable Antennas?--try an "Inverted WYE"
by Larry Cahoon <lejek@erols.com>
 - 115) [98845] Re: [Elecraft] SWL: BBC to cease NA broadcasting

by "Stuart Rohre" <rohre@arlut.utexas.edu>
116) [98846] Home are the sailors, home from the sea.
by Paul Stroud <aa4xx@ipass.net>
117) [98847] Re: Weller WTCPT Soldering Station
by Bruce Muscolino <w6toy@erols.com>

Date: Wed, 23 May 2001 19:06:15 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Cc: kenwood@qth.net
Subject: [98731] FS TS 530...../with BUGS
Message-ID: <c.161bcaa2.283d9c67@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I have a Knwd, TS 530.
The band switch coupler had broken and I had pulled the shaft out.
When trying to put the shaft back in I did not have all the switches in the
right position.
It has no TX but when turning the BIG switch where the finals are I can at
times receive one band but still no TX.
Display and all other functions are working as should.
A good rig for someone who has the knowledge and proper gear to repair it.
Also has the SSB and 500 HZ filter.
I do have the high voltage but due to no tube tester or spare tube I have no
i'dea if the driver or finals are any good.
At this time I assume they are.
Make offer for the whole rig or for parts.
72/73
Bob
WA2HOQrp <tm>

Date: Wed, 23 May 2001 18:38:15 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: w1rifi@arrl.org
Cc: qrp-l@lehigh.EDU
Subject: [98732] Re: Family Radio Service & "Irradiation" of Passive Antennae
Message-ID: <20010523.183819.-3898187.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Are those the same ARRL people who said that Walter Maxwell was wrong??

Bill, K5ZTY
Houston, TX

On Tue, 22 May 2001 20:02:20 -0400 "Hare, Ed, W1RFI" <w1rfi@arrl.org>
writes:

> I am sure there are a number of HQ staffers who don't understand
> this, but
> not all of our staff are technical. If you let me know who caused
> you to
> make that statement, I will gladly explain the concept to him or
> her.
>
> Thanks.
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-673-7869
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>

Date: Wed, 23 May 2001 19:34:43 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Mighty Mik <mightymik2@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98733] Re: 10,000 QRP New Rigs Sold!!! Be Friendly, Have Fun
Message-ID: <3B0C4912.62E385C5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mik,

Multi-mode VHF and UHF rigs have been with us since at least the 70's. Before that there was the Gooney Bird and the famous Clegg line. Of course they were AM only, for the most part.

So your search only turned up one radio? I would question what and where you searched. Kenwood alone has made several multi-mode VHF radios, starting with the

TS700 and going through the TS9000, TS9130, TS700A, TS700SP, and the TS711. I see them all the time on ebay. Must be my copy though.

Read Paul Harden's posting on the large areas where there aren't many people within 100 miles. If you have a chance, do what I did, take a long trip out west and take along a VHF radio. See how lonely it gets when you go out of town!

If you are so dad blamed certain that a VHF SSA radio will sell, there is nothing stopping you from designing one and building it. See who comes!

73

Date: Wed, 23 May 2001 19:41:17 -0400
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [98734] WTB: ICOM FL101 CW Filter
Message-ID: <00ac01c0e3e1\$de4b56c0\$5dce323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please let me know if you have one that is not being used.

Alan, N3BJ
Bent Mountain, VA

Date: Wed, 23 May 2001 18:49:21 -0500
From: "Tim Billingsley KD5CKP" <kd5ckp@yahoo.com>
To: <qrp-l@lehigh.edu>
Cc: "Richard" <km5wx@watervalley.net>
Subject: [98735] NorCal Paddles K8FF
Message-ID: <004201c0e3e3\$1572cba0\$ad562126@kd5ckpp2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I know this is probably a lost cause, but

Are there any ... ANY at all NorCal Paddle Kits out there available.
Kit Form, Semi complete with all pieces, Complete ?????

A friend saw mine and really wants one

Please reply direct kd5ckp@yahoo.com

Also where can I find the original manual that was on the internet??
I had to format my HD and lost it and had only printed parts of
it....

Tim Billingsley KD5CKP
Home - <http://www.qsl.net/kd5ckp/>
NMECC - <http://www.qsl.net/nmecc/>
MS ARRL - <http://www.arrlmiss.org/>
OBARC - <http://www.qsl.net/obarc/>
CARA - <http://www.qsl.net/w5gwd/>

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 23 May 2001 19:04:02 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <qrp-1@lehigh.edu>
Subject: [98736] K9AY Project
Message-ID: <001601c0e3e5\$0d4956e0\$26838ad8@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My K9AY transceiver project is almost ready to roll. I had been having
trouble locating a supplier for some of the parts.

I was able to locate Gary Breed, K9AY and had a series of nice emails and a
phone chat with him. What a great guy !! Today in the mail I received a
packet from Gary with several circuit improvements including a RIT circuit
for the transceiver as well as a "care package" containing several hard to
find IC's, coils and other parts I needed.

He seems pretty tickled that someone is experimenting with his 1990
design..... sure made my day that he would take an interest in what I was
doing.

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrp-parci # 9875 - iparc #252
<http://www.qsl.net/w9wis>

Date: Wed, 23 May 2001 18:04:18 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>
Subject: [98737] SWL: BBC to cease NA broadcasting
Message-ID: <OE23i33xmkaigAUrRe00006677@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC will discontinue North American broadcasts. Internet and FM re-broadcast cited as being more popular is "technologically advanced" markets.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Wed, 23 May 2001 17:39:40 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: Rod Cerkoney <n0rc@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>
Subject: [98738] Re: [Elecraft] SWL: BBC to cease NA broadcasting
Message-ID: <3B0C584C.EEEEFEC6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod Cerkoney wrote:

>

> Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC
> will discontinue North American broadcasts. Internet and FM
> re-broadcast cited as being more popular is "technologically advanced"
> markets.

>

Yes I read that in the LA Times yesterday (Tues). Big impact on me
since I use SWBC when backpacking and camping .. out of range of FM and
internet .. and BBC has been a friend for a long time.

73, Phil W70X

Date: Wed, 23 May 2001 20:45:54 -0400

From: "Dave Dabay" <kd3pc@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98739] Mosley triband beam for sale

Message-ID: <003b01c0e3ea\$e4ca75e0\$1c55fea9@mals>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys and Gals

I have for sale a Mosley TA-33-JR-M tri-band beam, prefer pickup (southwest
virginia) or such. Antenna is down and although 8 years old, has been
stored indoors until March of this year. It is apart in 3 elements and boom
now. One element has a slight sway beyond the trap. Appears to be fine
otherwise.

Best offer, trade for QRP, tentec, older Drake gear. May further
dis-assemble and ship for a fair price.

thanks

dave

Dave Dabay KD3PC QRP-L #365

Date: Wed, 23 May 2001 19:52:22 -0500
From: "George, W5YR" <w5yr@att.net>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98740] Re: SWL: BBC to cease NA broadcasting
Message-ID: <3B0C5B46.BCB1BEAA@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wonderful news!

Now, if all the others will just follow . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Rod Cerkoney wrote:

>
> Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC
> will discontinue North American broadcasts. Internet and FM
> re-broadcast cited as being more popular is "technologically advanced"
> markets.

Date: Wed, 23 May 2001 20:50:34 -0400
From: Dave Fouchey <dafouchey@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98741] RE: SWL: BBC to cease NA broadcasting
Message-ID: <4.1.20010523204650.00970230@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:39 PM 5/23/2001 -0700, Phil Wheeler wrote:

>
>
>Rod Cerkoney wrote:
>>
>> Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC
>> will discontinue North American broadcasts. Internet and FM
>> re-broadcast cited as being more popular is "technologically advanced"

>> markets.

>>

>

>Yes I read that in the LA Times yesterday (Tues). Big impact on me
>since I use SWBC when backpacking and camping .. out of range of FM and
>internet .. and BBC has been a friend for a long time.

>

>73, Phil W70X

I have to agree with Phil on this one, while out in the woods it is always
a nice way to spend the evening listening to the worlds news on the BBC
between periods of operating. They also give you a whole different
perspective on what constitutes a news worthy event as compared to the US
news factories. Ah well the world changes...

73,

Dave WA4EMR/8

Date: Wed, 23 May 2001 19:59:17 -0500
From: "George, W5YR" <w5yr@att.net>
To: qrp-1@Lehigh.edu
Subject: [98742] Weller WTCPT Soldering Station
Message-ID: <3B0C5CE5.EE29FD56@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone seen any current sales on this item? Radio Shack has it by
800-number only (not in stock on line or in store) for \$99.99 regular
price.

Thanks . . .

--

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Wed, 23 May 2001 20:59:53 -0400
From: n4gi@juno.com
To: cq-contest@contesting.com, qrp-1@Lehigh.EDU, kg5u@hal-pc.org
Subject: [98743] Re: [CQ-Contest] FS / trade: W9XT Contest Card-
Message-ID: <20010523.210218.-261619.1.n4gi@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

My voice keyer has been spoken for.... Tnx for replies.

There is still another chance however, as KG5U has one to sell also. As usual, contact Dale direct at address above for info.

CUL
Blake N4GI

Date: Thu, 24 May 2001 01:12:31 +0100
From: "Kenneth Evans" <w4du@mediaone.net>
To: "QRP-1 Discussion" <qrp-1@Lehigh.EDU>
Subject: [98744] Items for sale
Message-ID: <008701c0e3e6\$3ffb7040\$6501a8c0@atl.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Clearing out some extra or little used items:

1. Radio Shack DSP - \$35.00 plus S/H
2. Radio Shack Digital SWR/Power Meter Model MTA-20 3 ranges (0-20W; 0-200W and 0-2000W) \$50.00 plus S/H
3. JPS Communications ANC-4 Antenna Noise Canceller - \$90.00 plus S/H

Please contact me direct.

72/3,
Ken W4DU
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

Date: Wed, 23 May 2001 18:30:18 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-1@lehigh.edu>
Subject: [98745] Fw: Ft Tuthill 2001
Message-ID: <003501c0e3f1\$1829f400\$63127d3f@dell>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I forgot to put this on the page, and will do so.....the world famous QRP jam session will (I'm sure) be held again. Maybe more than one night.

If you have a guitar, fiddle, banjo, mandolin, bass or whatever, or if you have a good voice, bring it along and join in.

Bob

----- Original Message -----

From: "Bob Hightower" <nk7m@extremezone.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 23, 2001 1:48 PM
Subject: Ft Tuthill 2001

> Now that the FDIIM furor is dying down, it's time to announce the 2001
> edition of the Ft Tuthill QRP gathering.
>
> Plans are being firmed up, and you can see what's up at
> <http://www.extremezone.com/~nk7m/tut01.htm>
>
> Not only is this a large QRP gathering, it's a very large hamfest...runs
for
> 3 days (well, 2.5 anyway), so if you can, plan on joining us in Flagstaff
> (elev ~7000') the last full weekend in July for a great time.
>
> Bob NK7M
>

Date: Wed, 23 May 2001 21:34:34 -0400
From: "Steve and Anne Ray" <sbralr@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [98746] Sine/Square Wave Generator
Message-ID: <007d01c0e3f1\$b1ee93c0\$55174d0c@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This last trip to the Dayton Hamfest I picked up a Production Devices, Model 120 Step Frequency Generator (basically a simple Sine/Square Wave generator). It runs on two 9V batteries and with a little tweaking of the

pots it works fine. Frequency range is 100 Hz to 15 KHz. I am looking for a manual and/or schematic. The manufacturer was a company called Production Devices out of San Diego California, no idea how old it is, but it is a combo of one IC and the rest discrete transistors and components. It looks like a device made for hobbists, rather than a lab.

I have tried all the usual search engines without any success, does anyone know anything about this item.

Thanks

72,

Steve Ray K4JPN ex K1VKW
HW-101, HW-8, Elecraft K2 1422
HeathKit fan
EM82fp
Warner Robins GA

Date: Wed, 23 May 2001 21:18:32 -0400
From: Donald E Sanders <w4bws@juno.com>
To: n0rc@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [98747] Re: SWL: BBC to cease NA broadcasting
Message-ID: <20010523.213216.-408985.2.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A lot cheaper too!!!.

Don W4BWS

On Wed, 23 May 2001 18:04:18 -0600 "Rod Cercone" <n0rc@hotmail.com> writes:

> Just heard on NPR/PRI's Marketplace. Effective the end of June the
> BBC
> will discontinue North American broadcasts. Internet and FM
> re-broadcast cited as being more popular is "technologically
> advanced"
> markets.

>
> 73, Rod N0RC
> Ft Collins, CO
>

> *****

> SuperFest 2001 14-Jul-2001
> <http://www.qsl.net/n0rc/hamfest/hamfest.html>
> BE THERE!
> *****
>
>

Don Sanders W4BWS
1383 Cypress Ave.
Melbourne, FL 32935
321 751 6500
My favorite QRP rig glows in the dark

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 May 2001 21:09:59 -0400
From: Donald E Sanders <w4bws@juno.com>
To: hubby2k@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [98748] Re: QRP Headlight
Message-ID: <20010523.213215.-408985.1.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yesterday I found an LED flashlight by Brinkman at Walmart for same price. It has a magnifying lens to put out lots of light from 2 AA batteries. Put one in truck glove box and one in tool box. ready for field day now. Three 7 amp hour Gell cells, MFJ 9420 , NC20, TS 670 ZL specials for 40 and 20, and the beer cooler and ready to rumble.
Don W4BWS

On Wed, 23 May 2001 21:17:54 "Mike WA8BXN" <hubby2k@hotmail.com> writes:
> At a sporting goods store I purchased a Coleman headlight for \$10. It
> has 2 AA batteries and straps on your head for hands free use. I
> replaced the incandescent bulb with one of the white LED's from
> radio shack (just pull out the old bulb and plug the LED in its place).
> Resulting current draw is 2 mA and although not as bright as the
> original bulb its enough to see to walk in the dark, read the display
> of a K-1, and read and write on a pad of paper. I wouldn't want to
> do fine work with it, but for the price and power consumption the
> thing will be great for QRP camping use.
>

> 73 - Mike WA8BXN
>
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>
>

Don Sanders W4BWS
1383 Cypress Ave.
Melbourne, FL 32935
321 751 6500
My favorite QRP rig glows in the dark

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 May 2001 18:37:46 -0700 (PDT)
From: Norman Young <norman_y@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [98749] Need Schematic
Message-ID: <20010524013746.30861.qmail@web11602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

A friend of mine, AC4UD, is looking for a schematic
for a Radio Shack Realistic TRC-27A. This unit is
about 25 years old, and I believe it is an old RS CB
radio.

Before the purists get fired up about CB radio on
QRP-L (and I know someone out there will), let me say
that my friend is a long time extra class almost
exclusively CW op, and often (though not exclusively)
QRP. He is trying to get this fixed up for his boat.
He is not a list member, so I am posting this for him.

If you can help, please email me direct and I will
forward any info on to him. I'm sure he'll gladly pay
for copying and postage.

Tnx es 72,
Norman
KA4PUV

Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Wed, 23 May 2001 20:53:08 -0500
From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [98750] Jupiter POWER ---how low does it go
Message-ID: <00f101c0e3f4\$48e3fc00\$6518150a@alltel.net>

Well some of the gang asked me to go back to the host Jupiter and see how low it will go down to in QRP power. Using my trusty WM-2 the Jupiter runs between 1.25 watts on 12 meters to 1.75 watts on 20 meters. All the other bands fall in between these settings. For the Milliwatters this is bad news unless it can be address with later firmware revisions. Your mileage may vary.

The Jupiter's power meter is accurate enough and is right on the money on some settings, but not on for others. For instance 3% power is 3 watts, 1% is 1.5 watts, but 8% is really 5 watts. Most rigs power meters are somewhat inaccurate on the lower scales and the Jupiter has the same problem, but better than most. It is all a matter of enough software sampling and looks like Tec Tec did a pretty good job, but like most things could use some improvement for those "perfectionist" people like me, grin.

I wanted to use my headphones and play with the AGC, but a thunder storm popped-up and that ended my play time. Later--- for the ones asking about AGC pumping on SSB. Did hear some artifacts on fast AGC SSB, but didn't notice any pumping on slow AGC SSB with the speaker.

73 de w5jay..

Date: Wed, 23 May 2001 21:48:08 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [98751] WTB:Small Wonder SW-30+ Rig
Message-ID: <200105232148_MC2-D305-E05B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Want to Buy a fully assembled Small Wonder Labs SW-30+ rig. Must include the RIT control, and a builtin keyer is highly desirable. Anyone have one you will part with? Just let me know.

72,
--Doc/K0EVZ

Date: Wed, 23 May 2001 19:53:35 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <n1eu@yahoo.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [98752] Don't Use End Insulators
Message-ID: <B731C5BF.9D01%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Barry - Don't bother with end insulators. I use Nylon monofilament line and tie a sheet bend with the copper wire as a loop. These work fine, are lightweight, and the monofilament is a great insulator. Nylon monofilament is fishing line. 45 or 50 lb test is fine and you can buy 100s of feet of it at your local X-Martget for \$2.29.

Look in your Boy Scout Handbook for how to tie a sheet bend. The Girl Scout Handbook has knot directions in it too. I have several of each.

On the other hand, end insulators make fine center insulators for coax. The Handbook (ARRL, not Boy or Girl Scout) used to show how to do this. Maybe it still does. Loop the coax around the insulator for strain relief and solder the leads to the antenna. I always thought that tie-wraps could be used as lightweight center insulators, but I have yet to try this. Field day is a bad time to try unproved ideas by the way. Do it the week before, or take a sick day Friday to try it. I get the antenna flu a lot. Especially in early spring.

Remind me to tell you of the time Hashifisti Scratchi had a BC-610 for field day at his brother's ranch and caused severe interference to the milking machines. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 23 May 2001 21:06:42 -0500
From: Mike <mmorrow@companet.net>
To: Phil Wheeler <w7ox@earthlink.net>
Cc: Rod Cerkoney <n0rc@hotmail.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>
Subject: [98753] Re: [Elecraft] SWL: BBC to cease NA broadcasting
Message-ID: <3B0C6CB2.1839@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil Wheeler wrote:

>
> Rod Cerkoney wrote:
> >
> > Just heard ... the BBC will discontinue North American broadcasts.
>
> ... I use SWBC when backpacking and camping .. out of range of FM and
> internet .. and BBC has been a friend for a long time.

It is to be hoped that the BBC will still be heard in north America through one of their broadcasts to other regions.

At least for the past few years, AFRTS has been sending American Forces Network programs (which include NPR and other US radio network programs) in USB on a fair number of HF frequencies. See frequencies, transmitter sites, and program schedules at:

<http://www.npr.org/worldwide/shortwave.html> .

These AFN broadcasts were gone for good, I had thought, when AFRTS dropped AM SW broadcasts about 20 years ago in favor of distribution by satellite.

73,

Mike / KK5F

Date: Wed, 23 May 2001 19:12:55 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [98754] Re: SWL: BBC to cease NA broadcasting
Message-ID: <20010523191255.B17114@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I'd be satisfied if only the ones between 7.1 and 7.3 went away.

On Wed, May 23, 2001 at 07:52:22PM -0500, George, W5YR wrote:

> Wonderful news!

>

> Now, if all the others will just follow . . .

>

> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

> Amateur Radio W5YR, in the 55th year and it just keeps getting better!

> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

>

>

> Rod Cercone wrote:

> >

> > Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC

> > will discontinue North American broadcasts. Internet and FM

> > re-broadcast cited as being more popular is "technologically advanced"

> > markets.

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Wed, 23 May 2001 20:16:05 -0600
From: k0co <k0co@arrl.net>
To: ham_QRP-l <qrp-l@lehigh.edu>
Subject: [98755] /M Ops - fun but short Qs
Message-ID: <3B0C6EE5.49F85A7A@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With the later sunsets upon us in the summer, I've restarted
an old practice of looking for 14.06 qsos on the commute

home at night. Most nights, the conditions support very good signals into Denver around my 2300Z commute, and 20M fits the shorter mobile antenna length setups much better than trying for 30M or 40M from a vehicle. Better sigs and lotsa fun on 20M during the summer evenings, so hope to see you out there.

I wish to share one observation about /M operations with fixed-station ops that might not be apparent. The QS0s are invariably of the shorter type with only 2 or 3 exchanges due to my 15 to 20 minute commute, traffic getting horrendous, accident looming, etc. I'm often sending SRI BUT MUST QRT NOW CUL 72 as the garage door comes into view. Hope fixed-station folks will understand the quick exits that seem to plague us on the road. I appreciate their listening a bit harder for the weaker sigs coming from a mobile setup with compromise antenna, and making the daily commute fun. I hope the quick "hi and bye" qsos don't trouble folks too much.

For call and name recognition, I use a Dry-Erase black marker to 'log' on my side window and that is a mighty fine mobile ops tip I got from W5MJ one day. Works pretty good, except when you're parked at a light and your neighbor tries to decipher your "message" to them.... ..

I've found /M-style CW to be a great speed builder (if you don't kill yourself the first time you try it ;-)... And after a while, I've found that CW is less driving interference than working a mic - anyone else experience this? It seems like paddle operations use the opposite brain half than car driving does, but voice/speech shares the same half.... or something like that..

Many tnx for working us /M folks out there and putting up with the shorter QS0s.....

K0CO /M Jack Denver

Date: Wed, 23 May 2001 20:16:58 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [98756] 8,000 FT-817s Sold!!
Message-ID: <B731CB39.9D06%jamesd1@flash.net>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I was surprised to hear from Doug that 8,000 FT-817s have been sold. I seem to recall ads in QST that Collins sold 20,000 KWM-2s to hams over 20 years and that Atlas produced a similar number of 210s. It seems like the FT-817 is fast becoming a classic. It would be interesting to compare the numbers of other classic rigs that were sold. Does anybody know how many FT-101s, TS-520s and IC-735s were sold?

The best selling HF ham kit? Probably the Heathkit HW-101 at 40,000 or so over 13 years. Has anybody been at a ham fest where there wasn't one of these for sale? Lets hope that Elecraft can ship that many K-2s over the next few years. Or even half that many. - Dr. Megacycle KK6MC

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 23 May 2001 21:21:32 -0500
From: "Kelly Ellison" <kelman@diadnet.net>
To: <qrp-1@Lehigh.edu>
Subject: [98757] Mobile QRP - Antenna question
Message-ID: <004f01c0e3f8\$40b0d860\$dcc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,
I am happy with the performance of my 20 meter hamstick mounted on the trunk of the car, but I am not satisfied with the attention and comments I get from people in parking lots etc. I wonder if there is a compromise antenna out there that is a little less visible than the tall 20 meter hamstick? I know I may be giving up performance for a smaller antenna, but am willing to give something else a try. Is there an HF antenna out there for 20 that is a little less visible? Maybe Any constructive comments are sure welcome.

I am using the hamstick with a FT-817 with pretty good results running 5 watts. Worked JA6PA this morning on 20.

He was also QRP. Listen for me going to work at 14.060 weekday mornings from 7AM - 8AM and the drive home from 5PM - 6PM evenings. These are central times.

thank you,

Kelly Ellison - WB0WQS

Date: Wed, 23 May 2001 22:40:53 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [98758] NEQRP CW Net, Thursday, 24 May, 8:30 PM EDT, 3.565MHz
Message-ID: <3B0C74B5.5E1162AB@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 24 May 2001, at 8:30 PM EDT (0030Z, 25 May 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be Dennis, K1LGQ, operating from Brookline, NH.

Net control op for last week's session was Chuck, K1CL, operating from Chelmsford, MA. We had a total of 11 participants:

W1FMR	Jim	Salem, NH	599
W2RBA	Joe	Mt. Vision, NY	599
WB1HBE	John	Chelmsford, MA	599
N1EI	Charlie	Mansfield, CT	599
W3SMK	Steve	Riverside, NJ	via QSP
AA1MY	Seab	Bethel, ME	599
K1CWZ	Spi	Nashua, NH	599
W1CFI	Paul	Falmouth, MA	589
N1ZSW	Ron	Worcester, MA	479
K1RC	John	Dracut, MA	599
K1CL	Chuck	Chelmsford, MA	(net op)

With the exception of Steve, W3SMK, signals were all quite strong. I did have a little trouble copying Ron, N1ZSW, because of S9 powerline RFI in my area, which put his signal at or below the noise level for much of the time. But it was, overall, an excellent net. Thanks to everyone for QNI'ing, and also to Spi, K1CWZ, for QSP'ing for Steve.

So... stop by Thursday night, welcome Dennis back as net control operator, and say hi to all the folks on the NEQRP CW net.

72 DE K1CL,
Chuck.

Date: Wed, 23 May 2001 22:29:01 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [98759] HIGHER FREQS
Message-ID: <20010523.223050.-405635.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

iT has been my observation/experience... the higher u geaux in freq... six meters two metes up... the meaux ur dependent upon the same people to chat with or use their repeater... so when there is a falling out or mis-understanding... you're left in a group mostly by yourself....or having to chose sides...

Even though I have successfully communicated using amateure radio in emergency situations... I still like the security of a car phone or cell phone.... especially late at nite...

The most versitile bands for me have been the hf bands... where conditions at the time and antenna determine if u gonna talk to someone....and the frequencies are user friendly for expermenting... after all ...this is "amateur" radio...a hobby... with enough "professionals" around to get answers to most questions or at the least, a good idea whare to look for what u need to kneaux...

Look at the information available on the list... hard to build sumthing and not get it to work when u have all these resourses... and most of the list I would think operate mostly hf... and some 2meter...

just a thought

ke1la joel
in maine
fishing at last

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 23 May 2001 20:34:48 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [98760] Missing Analog Meters
Message-ID: <B731CF67.9D0D%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Doug says that baiting Jay-Bob into an arguement is good sport, but it is much more difficult now that Clinton is back out on the street.

Lets give this a try.

I noted Jay's lamentation for the missing analog meter on the Jupiter. I thought I would miss an analog meter on when I bought my TS-850, but I found out there were several advantages. I can monitor wo parameters at the same time! Power output and my choice of SWR, ALC, or compression level. Very handy at times. So I think that analog meters are over rated. At least in Arkansas.

On the other hand, when I operate my Dad's TS-930 I really envy the analog meter it has. Large, well damped, color coded, and a choice of final voltage, final current, SWR, compression, ALC, and power output. I guess it is good that it is 1300 miles away.

By the way if you don't have a Tuna Tin 2 , Jay and the Ft. Smith QRP group will soon be offering these. Order one. They will also be offering version 2 of VE3DNL's exquisite marker generator, a device no QRPer should be without. Order two and give one to a new ham who asks what kit should I build?

When I want my analog meter fix I connect my Simpson 260 through a 600 Ohm to 8 Ohm transformer to the output of my 850, turn off the AGC, and watch that needle swing.

Don't measure current on the voltage scale. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 23 May 2001 23:22:07 -0400 (EDT)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98761] VHF and up qrp rig?

Message-ID: <Pine.LNX.4.21.0105232248040.26470-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I was one of the people saying that there are plenty of VHF/UHF transverter kits out there for SSB, there may be a place for a kit sat radio, especially if AO-40 ends up working...

There seem to be a few ways of getting on VHF/UHF CW and SSB.

1) Transverters

Advantages - Best RX - use all the features of your HF rig
Disadvantages - all those cables can turn into a confussing rat's nest that is hard to take around and is intimidating to many. (Hey, how many of you use internal keyers and antenna tuners?)

2) HF rigs with VHF and UHF

Advantages - you may already have it
Disadvantages - RX often not good enough for contest work and usually no full duplex for sat's

3) Old monoband all modes

Advantages - one box
Disadvantages - Often they do not have the options we are all used to.

4) Sat radios

Advantages - one box - multi band
Disadvantages - EXPENSIVE

Now, IF AO-40 continues to recover and is expected to have a good, heathy, lifespan, then I might be interested in a portable sat radio kit, assuming that it would be cheaper than the sat rice boxes out there. This radio (as I imagine it - I am not a professional designer) would have the following features:

FULL DUPLEX (cross band)

Bands included:

10 M (29.000 - 29.700) for RS's
2 M a (144 - 146)
2 M b (144 - 146) (low level transverter driver only?)
70 cm (432 - 440)

Transverter ports for all the above standard bands..

(that is why I put 2 M on there twice. That way you can be full duplex and run two different transverters - both with a 2 M IF)
Option for 23 and 13 cm inside the box.

RX performance would not have to be stellar at dealing with close in signals, but would need to have good and sharp band pass signals to cut out pager intermod, etc...

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Wed, 23 May 2001 21:24:14 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98762] sdr.org Software Defined Radio
Message-ID: <0E4191tpYMMaBUB24dR00006779@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Found this interesting site dealing with Software Defined Radios:

<http://www.sdrforum.org/>

It will be interesting to see how this technology develops.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Wed, 23 May 2001 23:33:16 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [98763] URL REQUEST
Message-ID: <41.be088d7.283ddaafc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Anyone remember the URL for the FREE AVG virus site?

Many thanks in advance

Bob

WA2HOQip <tm>

Date: Wed, 23 May 2001 20:33:42 -0700

From: Phil Wheeler <w7ox@earthlink.net>

To: Mike <mmorrow@companet.net>

Cc: Rod Cerkoney <n0rc@hotmail.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>

Subject: [98764] Re: [Elecraft] SWL: BBC to cease NA broadcasting

Message-ID: <3B0C8116.ACB5F0E@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Mike wrote:

>

> It is to be hoped that the BBC will still be heard in north America
> through one of their broadcasts to other regions.

>

Perhaps .. but in a portable situation marginal signals beamed elsewhere
are a bit *marginal* :-;

> At least for the past few years, AFRTS has been sending American Forces
> Network programs (which include NPR and other US radio network programs)
> in USB on a fair number of HF frequencies. See frequencies, transmitter
> sites, and program schedules at:

>

> <http://www.npr.org/worldwide/shortwave.html> .

>

> These AFN broadcasts were gone for good, I had thought, when AFRTS
> dropped AM SW broadcasts about 20 years ago in favor of distribution by
> satellite.

>

I took a look. All are SSB and not all small SWBC portables are SSB
capable. My Sony SW-1 is not; my Sony SW-100 is, though (but its
clamshell design makes it a bit vulnerable after falling asleep in a
tent!).

But thanks for that info, Mike. I'd have never looked at most of those
freqs, which are not in the normal SWBC bands.

Phil W70X

Date: 23 May 2001 23:31:24 -0400
From: Rich Mulvey <rich@mulveyfamily.com>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98765] Re: sdr.org Software Defined Radio
Message-ID: <200105240338.XAA16981@mulveyfamily.com>
Content-Type: text/plain
Mime-Version: 1.0

On 23 May 2001 21:24:14 -0600, Rod Cercone wrote:
> Found this interesting site dealing with Software Defined Radios:
>
> <http://www.sdrforum.org/>
>
> It will be interesting to see how this technology develops.

And for those who want to work with SDR's now, there's the DSP-10, which
TAPR is in the process of kitting - <http://www.tapr.org/sdr>

It's even QRP - 200mw. :-)

- Rich

Date: Wed, 23 May 2001 22:40:31 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98766] Re: Don't Use End Insulators
Message-ID: <002d01c0e403\$49132480\$57713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I have a sketch of what James is speaking of in regards to the center
insulator here:

<http://www.geocities.com/aa5tb/dipole04.gif>

This is from my simple dipole page at:

<http://www.geocities.com/aa5tb/dipole.html>

73,

Steve Yates - AA5TB

Fort Worth, Texas

Grid Square: EM12gs

aa5tb@arrl.net

<http://www.geocities.com/aa5tb/>

----- Original Message -----

From: "James R. Duffey" <jamesd1@flash.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, May 23, 2001 8:53 PM

Subject: Don't Use End Insulators

> On the other hand, end insulators make fine center insulators for coax.

The

> Handbook (ARRL, not Boy or Girl Scout) used to show how to do this. Maybe
it

> still does. Loop the coax around the insulator for strain relief and
solder

> the leads to the antenna. I always thought that tie-wraps could be used as

> lightweight center insulators, but I have yet to try this. Field day is a

> bad time to try unproved ideas by the way. Do it the week before, or take
a

> sick day Friday to try it. I get the antenna flu a lot. Especially in
early

> spring.

Date: Wed, 23 May 2001 22:49:42 -0500

From: "Jay Bromley" <w5jay@alltel.net>

To: <jamesd1@flash.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98767] Re: Missing Analog Meters

Message-ID: <017c01c0e404\$91f79d60\$6518150a@alltel.net>

> Doug says that baiting Jay-Bob into an argument is good sport, but it is

> much more difficult now that Clinton is back out on the street.

Only if you want to lose-----just ask Dougie

> Lets give this a try.

OK

>

> I noted Jay's lamentation for the missing analog meter on the Jupiter. I
> thought I would miss an analog meter on when I bought my TS-850, but I
found
> out there were several advantages. I can monitor wo parameters at the same
> time! Power output and my choice of SWR, ALC, or compression level. Very
> handy at times. So I think that analog meters are over rated. At least in
> Arkansas.

Jim you are so right and I agree, but you "FORGOT" to mention that turning
on the peak reading meter function on the Kenwoods is very useful and nice
to look at. Why it is worth at least 5db more on receive and transmit.
Even more during a contest or a pileup, <g>!!

>

> On the other hand, when I operate my Dad's TS-930 I really envy the analog
> meter it has. Large, well damped, color coded, and a choice of final
> voltage, final current, SWR, compression, ALC, and power output. I guess
it
> is good that it is 1300 miles away.

What is this other hand stuff--(you have been around Doug way to
long!!!)???? SEE just like on tubes you got hooked!! Hey I am trying to
keep your secret about being a tube audiophile, but sometimes this stuff
just gets out. Oh I almost forgot, I sure enjoyed your class A
push-pull-parallel triode article in the last issue of Glass Audio. I sure
hope you keep those fine Tube articles coming. You sure get around a lot
and I see you on other reflectors too.

>

> By the way if you don't have a Tuna Tin 2 , Jay and the Ft. Smith QRP
group
> will soon be offering these. Order one. They will also be offering version
2
> of VE3DNL's exquisite marker generator, a device no QRPer should be
without.
> Order two and give one to a new ham who asks what kit should I build?

Shameless plug ---Doug must have put you up to this?? Thanks anyway !!!

>

> When I want my analog meter fix I connect my Simpson 260 through a 600 Ohm
> to 8 Ohm transformer to the output of my 850, turn off the AGC, and watch
> that needle swing.

Why don't you just use the DIN socket with the S-meter out in the back of the TS-850?? You need to save all your transformers for your tube audio projects. Also you need to boooard a big Arkansas Hole in the back of that Simpson for a backlight. Meters are like radios and they MUST be lit!! Don't ruin a good meter just get one of those "BIG" RCA or Collins meters from a TV station (the Bigger the Better), now that's class. You might even build one up for Doug (it might just get him back on the air), but PLEASE PLEASE Dr. Jim use a high intensity JUMBO LED instead of a incandescent bulb. You know they are trying to conserve energy out there, grin. It sure is lot quieter from Dos Palos these days, hihi. I heard X-Bill was going to pay Doug a visit till he found out Doug's TV and refrigerator was out of commission was out because there was no gas to power Doug's generator!!

Thanks Dr. Jim!! I now stand corrected and 73 de w5jay..

>
> Don't measure current on the voltage scale. - Dr. Megacycle KK6MC/5
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008
>
>

Date: Wed, 23 May 2001 22:49:58 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98768] Re: Mobile QRP - Antenna question
Message-ID: <003901c0e404\$9b333380\$57713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Kelly,

A hamstick IS a small antenna ;-) I guess you haven't seen the Texas Bug Catcher antennas that many hams have around here!

Actually, I once had good luck disassembling an old base loaded CB antenna and rewinding the coil for 20m and it seemed to "work" fine (a very relative expression). I had to use a smaller gauge wire due to the requirement for more turns. The coil in base loaded antennas usually consist of the main loading coil and a small coil to ground for impedance matching. The plastic cover will normally slide off the bottom with a little force to access the innards of the assembly. Overall, this made for a very short 20m antenna that I'm sure suffered greatly in efficiency but... it "worked".

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb/>

Date: Wed, 23 May 2001 23:10:57 -0500
From: "George, W5YR" <w5yr@att.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98769] Re: WTB:Small Wonder SW-30+ Rig
Message-ID: <3B0C89D1.A5A35F67@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like a Fox equipping his lair for next Fall?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Wilford D. Lindsey" wrote:

>
> Gang:
>
> Want to Buy a fully assembled Small Wonder Labs SW-30+ rig. Must include
> the RIT control, and a builtin keyer is highly desirable. Anyone have one
> you will part with? Just let me know.
>

> 72,
> --Doc/K0EVZ

Date: Thu, 24 May 2001 00:34:26 -0400
From: John Wagner <john@neknetwork.com>
To: kelman@dialnet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98770] Re: Mobile QRP - Antenna question
Message-ID: <3B0C8F52.71384D12@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use the smaller of the two Hustler mobile masts (22" ???) and the Hustler 20m resonator all mounted on a 4" MFJ mag mount. I too use my FT-817 with 5w from the car and have had many Q's with it (including Doc, K0EVZ this weekend while he was operating his K-2 in MN). I've worked DX with this antenna and had numerous stateside contacts. I'm sure it's not a great antenna setup, but it does work and it's not overly large.

73,

John, KB1ENS

Kelly Ellison wrote:

>
> Hello all,
> I am happy with the performance of my 20 meter hamstick mounted on the trunk
> of the car, but I am not satisfied with
> the attention and comments I get from people in parking lots etc. I wonder
> if there is a compromise antenna out there that
> is a little less visible than the tall 20 meter hamstick? I know I may be
> giving up performance for a smaller antenna, but am willing to give
> something else a try. Is there an HF antenna out there for 20 that is a
> little less visible? Maybe Any constructive
> comments are sure welcome.
>
> I am using the hamstick with a FT-817 with pretty good results running 5
> watts. Worked JA6PA this morning on 20.
> He was also QRP. Listen for me going to work at 14.060 weekday mornings
> from 7AM - 8AM and the drive home
> from 5PM - 6PM evenings. These are central times.
>
> thank you,
>

> Kelly Ellison - WB0WQS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Wed, 23 May 2001 21:56:59 -0700
From: Russ Dow <n7dw@pacbell.net>
To: kelman@dialnet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98771] Re: Mobile QRP - Antenna question
Message-ID: <3B0C949B.3E61446B@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Kelly,

What kind of parking lots do you frequent, to get the kind of attention and comments that apparently make you uncomfortable?

If you're concerned about your antenna being a "steal my stuff" flag, I recommend stopping and removing your antenna before you reach your destination. At times I have felt a need to take this precaution, but only rarely.

When operating HF mobile I use Hustler antennas, which are considerably more visible than those slender black Hamsticks.

Anything less conspicuous will probably also be less effective, thus pointless. ;-)

73, and mobile to your heart's content!

Russ N7DW

Kelly Ellison wrote:

>

> Hello all,

> I am happy with the performance of my 20 meter hamstick mounted on the trunk
> of the car, but I am not satisfied with
> the attention and comments I get from people in parking lots etc. I wonder
> if there is a compromise antenna out there that

> is a little less visible than the tall 20 meter hamstick? I know I may be
> giving up performance for a smaller antenna, but am willing to give
> something else a try. Is there an HF antenna out there for 20 that is a
> little less visible? Maybe Any constructive
> comments are sure welcome.
>
> I am using the hamstick with a FT-817 with pretty good results running 5
> watts. Worked JA6PA this morning on 20.
> He was also QRP. Listen for me going to work at 14.060 weekday mornings
> from 7AM - 8AM and the drive home
> from 5PM - 6PM evenings. These are central times.
>
> thank you,
>
> Kelly Ellison - WB0WQS

Date: Wed, 23 May 2001 20:32:35 -0700
From: k6mw <k6mw@jps.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98772] FS St. Louis Vertical
Message-ID: <3B0C80D3.6A35734C@jps.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a SD-20 pole, and the W6MMA's 80 meter coil and mount. Great
condx.

\$ 95.00 plus postage

73, Mike K6MW

Date: Thu, 24 May 2001 05:34:57 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [98773] [MH101] VFO pics tomorrow
Message-ID: <5.0.2.1.0.20010524052020.00aa1d40@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I will have VFO pics tomorrow. I have to run to WalMart early and get the film developed and then scan them in.

Some of you will ask --- why not do digital pics? Well, I discovered that at f/16 the depth of field is significantly improved over anything that I can get with a digital camera. So, this rig will be built with all analog camera pictures and then scanned to digital.

I'd like to see digital photos of the other rigs, so if you are building any rig Manhattan Style, then place the pics on the web and then give us the URL. I hate getting attachments what with all the virus stuff going around.....

I managed to get the VFO in 2.5 cm x 3.0 cm and with the 8V regulator the whole section fits 2.5cm by 3.5cm. I used a MVAM 108 for the varactor, so I'll have a test later on the tuning range with the puppy in place. Right now the VFO resonates at 2.548091 MHz without any drift and no voltage applied to the MVAM 108.

I did the measurements on the 42IF123 and will have those also. I have to type in a bunch of data and then calculate the parameters.

Someone asked for the other toroid calculations and I'll do those.

[OT]-----
Phyllis and I spent the weekend in Page, AZ looking at large GE generators at Glen Canyon Dam. Those puppies can generate in the neighborhood of 1,800 MegaWatts total. And the Sierra Club wants to drain the lake??? Watch out California. :-)
[OT]-----

So had the 3300pF COG monos to complete the VFO when we got back and the Steve Weber wattmeter.

Works great and first of next week I'll post a report if any one is interested. I measured 443mW out of the SWL30+ that I used to work 49 states and the countries listed in the signature. I'll compare the K1 readings and the three OHR wattmeters over the weekend.

FYI

NOTE: 20cm of #26 wire glows bright yellow with 13V applied for 10 seconds. :-)

Chuck Adams, K7QO CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Thu, 24 May 2001 01:48:02 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: norman_y@yahoo.com, qrp-1@Lehigh.EDU
Subject: [98774] Re: Need Schematic
Message-ID: <GDTS4200.9HW@mo130uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello de Adam Kb2Jpd
Being a former employee, I would say Contact Fort Worth or your
friendly RadioShack dealer first.

2nd is to contact their repair center. They still keep copies of the
old service stuff on paper.

3rd is to eye-ball the PCB and draw one.

What is wrong with the radio?

73 Adam

norman_y@yahoo.com wrote on 5/23/01 9:37 pm:

>A friend of mine, AC4UD, is
>looking for a schematic
>for a Radio Shack Realistic
>TRC-27A. This unit is
>about 25 years old, and I
>believe it is an old RS CB
>radio.
>
>Before the purists get fired
>up about CB radio on

>QRP-L(and I know someone
>out there will), let me say
>that my friend is a long time
>extra class almost
>exclusively CW op, and often
>(though not exclusively)
>QRP. He is trying to get this
>fixed up for his boat.
>He is not a list member, so I
>am posting this for him.
> If you can help, please email
>me direct and I will
>forward any info on to him.
>I'm sure he'll gladly pay
>for copying and postage.
>
>Tnx es 72,
>Norman
>KA4PUV
>
>-----
>-----
>Do You Yahoo!?
>Yahoo! Auctions - buy the
>things you want at great
>prices
><http://auctions.yahoo.com/>

Date: Thu, 24 May 2001 00:08:28 -0700
From: "blinn" <blinn@smgazette.com>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98775] Re: URL REQUEST
Message-ID: <000f01c0e420\$56d8a960\$9db8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try this one: http://www.grisoft.com/html/us_downl.cfm

Good stuff..

Bill

-----Original Message-----

From: RangerSF5@aol.com <RangerSF5@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, May 23, 2001 8:30 PM
Subject: URL REQUEST

>Anyone remember the URL for the FREE AVG virus site?
>Many thanks in advance
>Bob
>WA2HOQrp <tm>
>

--

Date: Thu, 24 May 2001 00:02:44 -0700
From: "blinn" <blinn@smgazette.com>
To: <k7qo@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98776] Re: [MH101] VFO pics tomorrow
Message-ID: <000601c0e41f\$898b49e0\$9db8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Know what you mean about depth of field, Chuck. Here's a picture of my VFO:
http://members.tripod.com/Bill_Linn/101VFO.jpg

This pic was taken with the Olympus D 450. (One of several, trying to get the components into the portion of field that is in focus.)

I'm hoping the varactor is oriented properly, as I'm not sure how to identify the cathode end. I put in in to coincide with the way your lay-out looked. (The darn things don't look at all like a normal diode!) :)

Also, wondering how to measure the resonant frequency at this stage?

Looking forward to the pictures.

Bill - WA7TQK

--

Date: Thu, 24 May 2001 09:23:47 +0100
From: bejones@hursley.ibm.com
To: qrp-1@Lehigh.EDU
Subject: [98777] Re: VHF/UHF not FM only ...
Message-ID: <3B0CD323.27828.52621BD@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

This has come round full circle - Bob Kellogg's original note was a review of Peter Zenker's inspirational address at FIDM. Part of that address Peter was commenting that to help bring new hams into the QRP home brew community in Germany they designed a 2m SSB QRP kit.

Peter added that, of course, this kit was useless! No-one ever uses 2m SSB (don't know about the US but apart from contests it's as dead as a doornail most of the time here in the UK).

So - Peter and the German QRP group worked with the German amateur radio association and got 2m contests changed such that there are awards/diplomas for working QRP stations in the last 2 hours of contests. Now, in Germany, a 2QRP 2m SSB kit makes sense.

As Peter pointed out QRP is more than just working low power!

Brian G0UKB

Brian E Jones
Pervasive Computing Specialist
IBM HURSLEY

Date: Thu, 24 May 2001 10:36:26 +0100
From: "Mark Paley" <mpaley@wcnet.org>
To: "Low Power Radio Group" <qrp-1@lehigh.edu>
Subject: [98778] Kachina military manpack
Message-ID: <PGEPLCEGJDMJPHIGJMDGGFBCCLAA.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After all the fuss about Kachina going out of business I visited their web site for any information. I was surprised to see that they make (or made) a military manpack radio. I emailed Kachina asking if this radio was available to the ham community but have not heard back from them. Has anyone actually seen this radio or operated one. Any idea of what they might cost or what price they might fetch on the used market?

73 de
Mark Paley--KF8KL--
K1 #117, K2 #250 QRP-L #1899
<http://wcnet.org/~mpaley>

Date: Thu, 24 May 2001 07:28:21 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'w5yr@att.net'" <w5yr@att.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98779] RE: Weller WTCPT Soldering Station
Message-ID: <078F21595FA7D411B87B00805FA728E64A47B9@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Check Fair Radio for about \$60 or so.

Jerry
W3CDE

-----Original Message-----
From: George, W5YR [mailto:w5yr@att.net]
Sent: Wednesday, May 23, 2001 8:59 PM
To: Low Power Amateur Radio Discussion
Subject: Weller WTCPT Soldering Station

Has anyone seen any current sales on this item? Radio Shack has it by 800-number only (not in stock on line or in store) for \$99.99 regular price.

Thanks . . .

--

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Thu, 24 May 2001 07:38:03 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: blinn@smgazette.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98780] Re: [MH101] VFO pics tomorrow
Message-ID: <3B0CF29A.D4B2B933@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill, and all you other would be photographers out there,

Depth of Field is directly related to lens aperture. Lens aperture is the little hole you actually take pictures through in the lens. It is controlled by the diaphragm. Most cameras have one if they are at all adjustable. USE MORE LIGHT to make the hole smaller. That will increase your depth of field.

Most of you use digital camera, and you use them in low light situations. The lens tries to compensate by opening up and that kills off the depth of field. Try taking the object outside, and shooting in bright sunlight.

The closeness of your subject also enters into play. A close-up picture will have a smaller apparent depth of field. That's why most photographers use lens apertures of f64, or smaller for close-ups. It is important to put the camera on a tripod, and be sure it does not move either.

As a last resort, use film and have the pictures placed on a disk. Often you have more control with a relatively simple film camera than you have with a digital camera!

73

Date: Thu, 24 May 2001 07:48:10 -0400
From: Tim ORourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [98781] Tripod For MP-1 or Similar Verticles
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB80C6250@MAIL>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Lakeview antennas has a light weight tripod similar to Outbacker design but very light weight. I believe I paid \$80 for mine. www.Hamstick.com. I have used it with MP-1, PW-1 and Outbacker and it works as well as heavy weight. I attach a set of radials made from rotor cable, each leg is cut for a 1/4 wave of desired bands, outer 2 are looped lower band. The lengths were taken from St. Louis verticle design sheet. This has worked for me and helps on tuning the Vern Wright antennas. I have also laid out 3 inch wide aluminum foil and attached to tripod for random radials.
Tim O'Rourke KG4CHX

Date: Thu, 24 May 2001 07:50:17 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: mpaley@wcnet.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [98782] Re: Kachina military manpack
Message-ID: <3B0CF579.4247D8EA@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

Kachina is the direct lineal descendant of Swan and Atlas Radio. It was founded by Herb Johnson to continue in the radio business after he sold Swan to Cubic and Atlas gave out. They have been in the military radio business since before, or right about the time of, Swan, 30 years, I would say.

The first Atlas transceivers were a direct take off on a military backpack radio designed by Lester Earnshaw. I don't know but what Les is still designing radios. Most tactical military radios tend to run adequate amounts of power and are SSB radios. This is for ease of operation by non communication specialists and their probable use with poor antennas.

The Atlas 210X makes a dandy transceiver. Light years ahead of the industry in size and performance. The only thing it needed to make the perfect ham rig was a CW filter. The forerunner of this rig can be seen in the Swan MB40 and 80 series of radios. If there was justification to continue in the ham market I am sure Kachina would do it. We are actually a pretty small segment of the overall radio marketplace these days!

Date: Thu, 24 May 2001 07:53:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Jerry.Lofstead@itb.mckhboc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [98783] Re: Weller WTCPT Soldering Station
Message-ID: <3B0CF62B.D4A26280@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jerry,

Let me remind you that the unit sold by Fair is a military equivalent of the Weller. I have on and am extremely happy with it but then I don't care about having a large square military green box on my work bench! It does come with nearly every tip made by Weller and a desoldering tip. It is a great bargain but don't expect the traditional blue box!

73

Date: Thu, 24 May 2001 06:29:44 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Rod Cerkoney <n0rc@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98784] Re: SWL: BBC to cease NA broadcasting
Message-ID: <Pine.LNX.4.33.0105240613001.1383-100000@cannac.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Rod, Yes, BBC last year asked people who listened to their shortwave to please write or e-mail them. I did so and got an e-mail back thanking me for my input.

I followed the URL and captured the data on the Armed Forces Network. There are still ships in the US Navy who don't have satellite capability and the afbs has good powerful transmitters sending out the news and other program material using Upper Sideband Suppressed Carrier transmission. This stuff comes from Key West and several other locations. Last summer I was able to copy just about everything I wanted from these stations. The

ssb mode is fine since I listen with a Kenwood TS-50 radio and a 135 foot center fed zepp antenna.

It appears that this summer camped in the Gila National Forest of New Mexico I will be listening to Associated Press news at 6 pm local 2400 UTC while eating dinner in my trailer.

I saved the NPR web page as a post script file with Netscape. Then in my linux computer I used 'ps2pdf' to change the files to pdf format. Now on my laptop I take with me camping I can look at this web page with adobe acrobat, which is free for download.

Hope the Armed Forces keep sending the news...

On Wed, 23 May 2001, Rod Cerkoney wrote:

> Just heard on NPR/PRI's Marketplace. Effective the end of June the BBC
> will discontinue North American broadcasts. Internet and FM
> re-broadcast cited as being more popular is "technologically advanced"
> markets.

>

> 73, Rod N0RC

> Ft Collins, CO

>

> *****

> SuperFest 2001 14-Jul-2001

> <http://www.qsl.net/n0rc/hamfest/hamfest.html>

> BE THERE!

> *****

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 24 May 2001 07:39:41 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [98785] Re: Mobile QRP - Antenna question

Message-ID: <005d01c0e44e\$ae6d6d00\$3a2baec7@dandooley>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am curious about the "attention and comments" part of the post. If that is referring to someone (a shopping cart pedestrian) commenting that the thing is "ugly", then first off, why are we to be intimidated by the opinions of the all unknowing? If it sparks any sort of curiosity, then perhaps an opportunity to actively promote ham radio will come about.

If it is a concern over thievery, then a way to remove the antenna from view would be the solution.

For years I ran mobile with my Hustler antenna mounted on a bracket on the read deck of the car. A quick disconnect at the bottom allowed me to remove it and store it in the trunk. Took only seconds. All that remained was the bracket. That was not nearly as noticeable. Airport and hospital and some hotel parking garages demand the ability to remove the antenna before entry, and a quick disconnect does the trick.

I would certainly not want to see anyone severely compromise their operation and on the air performance strictly on some sense of embarrassment or bowing to the aesthetic concerns of others.

Anything "less visible" is going to be the non-existent one. Even the car BC antenna is visible.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>

SOC #198, FPQRP # -104

May Goddes love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

> Kelly Ellison wrote:

> >

> > Hello all,

> > I am happy with the performance of my 20 meter hamstick mounted on the trunk

> > of the car, but I am not satisfied with

> > the attention and comments I get from people in parking lots etc. I wonder

> > if there is a compromise antenna out there that

> > is a little less visible than the tall 20 meter hamstick? I know I may be

> > giving up performance for a smaller antenna, but am willing to give

> > something else a try. Is there an HF antenna out there for 20 that is a

> > little less visible? Maybe Any constructive

> > comments are sure welcome.

> >

Date: Thu, 24 May 2001 08:46:51 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Kelly Ellison <kelman@dialnet.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [98786] Re: Mobile QRP - Antenna question
Message-ID: <Pine.LNX.4.30.0105240844360.25063-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Go for the Screwdriver, Kelly.

The extra 20db will do you well, and the antenna is a true attention getter - not "wow, what's that," but "holy crap, what you doin', talkin' to Mars with that?"

I simply reply that all my communications at this point are terrestrial, but yes, if there were people on Mars, I probably could talk to them.

I suspect that my antenna is "scarier" because it's SO big. I've thought about placing a HIGH VOLTAGE sign on it.

On Wed, 23 May 2001, Kelly Ellison wrote:

> Hello all,
> I am happy with the performance of my 20 meter hamstick mounted on the trunk
> of the car, but I am not satisfied with
> the attention and comments I get from people in parking lots etc. I wonder
> if there is a compromise antenna out there that
> is a little less visible than the tall 20 meter hamstick? I know I may be
> giving up performance for a smaller antenna, but am willing to give
> something else a try. Is there an HF antenna out there for 20 that is a
> little less visible? Maybe Any constructive
> comments are sure welcome.
>
> I am using the hamstick with a FT-817 with pretty good results running 5
> watts. Worked JA6PA this morning on 20.
> He was also QRP. Listen for me going to work at 14.060 weekday mornings
> from 7AM - 8AM and the drive home
> from 5PM - 6PM evenings. These are central times.
>
> thank you,
>
> Kelly Ellison - WB0WQS

>
>
>
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 24 May 2001 09:03:29 -0400
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [98787] Re: VHF/UHF not FM only ...Re: 10,000 QRP New Rigs Sold!!!
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9E82@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

There is an equivalent of FDIW for those of you interested in VHF operating while living west of the Mississippi--the Central States VHF Conference at the end of July in DFW Texas. They move it around to locations one would not expect lots of VHF activity--last year it was in Manitoba. I think the typical registration is around 200.

<http://www.csvhfs.org/CSVHF01A.HTML>

It isn't highly technical--the tech types started the Microwave Update, which is at the end of September in Silicon Valley
<http://www.50mhzandup.org/uwave2001.html>
It also moves around--it has been in AZ, CO, GA, NY, OH, PA, and TX.

Zack W1VT

Date: Thu, 24 May 2001 13:08:30 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98788] Re: Weller WTCPT Soldering Station
Message-ID: <008801c0e44a\$760c3c00\$9dfa070a@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I LOVE Olive Drab!!!! It is a great bargain because the 99 buck version from Rat Shack DOESN'T include the extra tips, etc. Besides, no one in the family will come near the work bench, hence, they never notice the color of the soldering station.

de Steve, W8SFF

Date: Thu, 24 May 2001 07:22:51 -0600
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98789] Re: 'Lil RASCAL' PSK-31 interface FOLLOW-UP
Message-ID: <0E21sZ1HimPyianTicB0000685e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Got the Lil' Rascal and am back on PSK-31. Here is my book report:

----- Original Message -----
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 10, 2001 6:19 AM
Subject: RFI: 'Lil RASCAL' PSK-31 interface

> Folks;
>
> Anybody have direct experience with this device, found at:
>
> <http://www.packetradio.com/psk31.htm>
>

LIL RASCAL

A nice kit in the sense that you get every thing you need for \$25 and the parts are good quality. I had a problem with the OPTO isolator, it didn't work. I wrote Buck asking for a replacement here is his reply:

All parts in kits are tested before packing.

There is no tech support for KITS built by others.

If you wish to receive a replacement, return the defective device, and include a 55 cent SASE and a replacement will be sent.

73 de Buck4ABT

Not what I expected given my Elecraft, Small Wonder Labs, Wilderness...etc. experience but fair enough.

If you go the 'Rascal route be prepared to do some case work. All you get is a plastic box and some velcro to mount things with, no biggie really, but if you are not expecting this, it might be disconcerting.

I like the LIL' Rascal for it's "One Stop Shopping" advantage.

PSK-31

A fun mode, if you haven't tried it yet you simply must. It will never replace the elegant simplicity of CW; but having my rig lashed up to a computer and using the XCVR as a wireless modem, appeals to the "techno-geek" in me. ;-)

ICOM 706MKIIG AS A PSK-31 RIG.

In a word COOL! The 706 covers 14 bands, at a purchase price of ~\$1k that's about \$72/band. Quite a bargain. I'm definitely going to give 2, 6 and 440 a try with PSK-31.

I'm using the latest Digipan release and with the Wide SSB setting of the 706 (abt 2.4kHz) There is very little radio interaction required to "scan the bands".

Also, the 706 finals can handle 100W continuous duty cycle on HF, less on VHF/UHF. So, dialed down to 5 watts or less the 706 can cruise all day with out difficulty. Minimum power looks to be about 2W. Just right for us QRP types and PSK.

On the RX side, the DSP offered by PSK programs make up for the 706's not so hot RX specs. Last night there were a lot of very strong stations on 20m, but still I was able to copy the weak ones, even if they were within 5-10 Hz of the strong stations.

With only 5W and my puny attic antenna, I was able to work S59F, NOVA
GORICA, SLOVENIA.

Look for me on 6M PSK-31 this weekend.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Thu, 24 May 2001 13:27:20 +0100
From: "Mark Paley" <mpaley@wcnet.org>
To: "Low Power Radio Group" <qrp-l@lehigh.edu>
Subject: [98790] kachina military manpack--thanks
Message-ID: <PGEPLCEGJDMJPHIGJMDGIEFECLAA.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone who responded on the kachina military manpack--looks like
this rig really isn't too suited for my needs. Anyway it looked kind of
cool...

73 de
Mark Paley--KF8KL--
K1 #117, K2 #250 QRP-L #1899
<http://wcnet.org/~mpaley>

Date: Thu, 24 May 2001 07:36:07 -0600
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>
Subject: [98791] FS: K1
Message-ID: <0E29Twpb1iTDswLHI1V00006a99@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Recently built working FB, hardly ever used, \$425 shipped CONUS

Details:

K1 S/N 539 built for 20/40M
included are:

KBN1 Noise Blanker
KAT1 Tuner
KTS1 Tilt Stand

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Thu, 24 May 2001 06:48:19 -0700
From: "blinn" <blinn@smsgazette.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98792] Re: Mobile QRP - Antenna question
Message-ID: <003301c0e458\$3258a8a0\$6db8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a screwdriver type antenna mounted squarely in the center of my pickup. I bolted a piece of three inch angle across the bed rails so the base is level with the top of the box. I kind of enjoy watching people walk into things while they are gawking at my antenna installation. Living here in North Idaho, many think that it's part of an elaborate tracking system for animals with radio collars. But most want to know "How far can you talk with that thing?"

Bill - WA7TQK

PS: The antenna works great! Remotely tunes from 75 to 10 meters.

--

Date: Thu, 24 May 2001 06:51:26 -0700
From: "blinn" <blinn@smgazette.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98793] Re: [MH101] VFO pics tomorrow
Message-ID: <004b01c0e458\$a17db900\$6db8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the tips, Bruce. When I saw your post I thought, "Oh no, Bruce is going to admonish me for not knowing how to check the polarity of a diode!" But, not so.

I woke up this morning thinking about the comment I made about not being able to identify the cathode of the varactor diode because there were no markings, etc.... well, duh! Here I have posted such a "revealing" statement for all the world to see! (Revealing because EVERYONE knows how to check polarity using a simple VOM, Right?) Must be all of that RF in the shack! Or perhaps it's just simply a case of senility creeping in? Going downhill fast!

Bill - WA7TQK

-----Original Message-----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, May 24, 2001 4:43 AM

Subject: Re: [MH101] VFO pics tomorrow

>Bill, and all you other would be photographers out there,
>
>Depth of Field is directly related to lens aperture. Lens aperture is the
>little hole you actually take pictures through in the lens. It is
controlled by
>the diaphragm. Most cameras have one if they are at all adjustable. USE
MORE
>LIGHT to make the hole smaller. That will increase your depth of field.
>
>Most of you use digital camera, and you use them in low light situations.
The
>lens tries to compensate by opening up and that kills off the depth of
field.
>Try taking the object outside, and shooting in bright sunlight.
>
>The closeness of your subject also enters into play. A close-up picture
will
>have a smaller apparent depth of field. That's why most photographers use
lens
>apertures of f64, or smaller for close-ups. It is important to put the
camera
>on a tripod, and be sure it does not move either.
>
>As a last resort, use film and have the pictures placed on a disk. Often
you
>have more control with a relatively simple film camera than you have with a
>digital camera!
>
>73
>
>

--

Date: Thu, 24 May 2001 07:57:08 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list"
<elecraft@qth.net>
Subject: [98794] Superfest 2001, Loveland CO
Message-ID: <0E48eGSBkHP4aXQRmRH00006a4e@hotmail.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Help me make Superfest 2001 truly SUPER!

Superfest is the local Hamfest and we are trying to make it a "World Class" event. To that end we've upgraded the prizes and have added technical presentations. If things go well this year we can do more next year. Briefly:

PRESENTATIONS

- o Me, doing one on kit building.
- o Jerry, W0MC doing one on Stealth operating
- o Steve, N7GN will present his PIC based keyer project/kit

and drum roll.....

- o PAUL HARDEM AND HIS WORLD FAMOUS PROPAGATION PRESENTATION

TaDa

PRIZES

The biggie: a Yaesu FT-7100M!

Other prizes include a BLT donated NorCal, A RigBlaster, an Arrow antenna and much more

THE FEST FLOOR

- o The SEC will have a space to tell us about their operation.
- o Arrow Antenna
- o CQC
- o The "QRP Corner"
- o Morse Express

and more...

More details at the link below in my Sig line.

So tell the boss your taking a vacation; stop by Superfest at the
Larimer County Fairgrounds and visit scenic Colorado.

73, Rod N0RC
Ft Collins, CO

SuperFest 2001 14-Jul-2001
<http://www.qsl.net/n0rc/hamfest/hamfest.html>
BE THERE!

Date: Thu, 24 May 2001 09:02:01 -0500
From: "Brockwell, Stephen E. CECOM SEC FSSE ILEX" <brockwse@fssec.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [98795] VHF on SSB .. one way may be
Message-ID: <F05408425630D4118DEE0000F840B5D485CAAF@alrsrcv02.fssec.army.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Reading the thread about folks wanting to get some VHF SSB rigs going
One idea I have been toying with is the T2 and R2 modules from KK7B. The R2
and T2 modules are supposed to be good to work with on 1 to 500 MHZ. There
were quite a few articles in the QRP Power book and on the web site
<http://www.pconline.com/~rohrwerk/k0jd/>

A 2 meter SSB/CW rig based on these modules is at
<http://home.pacbell.net/fifield/R2T2.html>

I still would like to put an HF SSB/CW rig together with these modules. You
could possibly do it Sierra style with band modules. Just an idea I've
been kicking around awhile.

Steve KC5TTY
Elgin, OK

Date: Thu, 24 May 2001 10:14:34 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'ap036@detroit.freenet.org'" <ap036@detroit.freenet.org>, Low Power Amateur
Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98796] RE: Weller WTCPT Soldering Station
Message-ID: <078F21595FA7D411B87B00805FA728E64A47BB@atlexc02ntms.hboc.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The extra tips alone are worth about \$75.00 !!!!! It comes in a metal box that holds the whole thing . I absolutely love mine. Best purchase in years!. When you consider it comes with the De-soldering part and IC tips make it a WOW WEE!

Jerry
W3CDE

-----Original Message-----

From: Steve Sorrell [mailto:ap036@detroit.freenet.org]
Sent: Thursday, May 24, 2001 8:09 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Weller WTCPT Soldering Station

I LOVE Olive Drab!!!! It is a great bargain because the 99 buck version from Rat Shack DOESN'T include the extra tips, etc. Besides, no one in the family will come near the work bench, hence, they never notice the color of the soldering station.
de Steve, W8SFF

Date: Thu, 24 May 2001 07:37:21 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [98797] Re: Weller WTCPT Soldering Station
Message-ID: <00c601c0e45f\$0c5b25e0\$d3142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Subject: Re: Weller WTCPT Soldering Station

One caveat on the GI version from Fair Radio. Since there is no visual indication that the power is on you must remember to turn it off after using it. I left mine on for a couple days and burned out the element; a \$15 (plus S & H) mistake. Perhaps a large red light would help.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Thu, 24 May 2001 09:49:47 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [98798] Re: Weller WTCPT Soldering Station
Message-ID: <4.2.0.58.20010524094608.00a0b9b0@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Out of curiosity, I went looking for the WTCPT on the Fair Radio Sales web page. Apparently it is available only in camouflage, because I couldn't find it. Any search tips for this site? I found a bunch of interesting stuff, but no WTCPT.

Vance--WA9YDJ

At 01:08 PM 5/24/2001 +0100, Steve Sorrell wrote:
>I LOVE Olive Drab!!!! It is a great bargain because the 99 buck version
>from Rat Shack DOESN'T include the extra tips, etc. Besides, no one in the
>family will come near the work bench, hence, they never notice the color of
>the soldering station.
>de Steve, W8SFF

Date: Thu, 24 May 2001 09:02:32 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [98799] Re: Kachina military manpack
Message-ID: <20010524.090234.-415083.1.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Bruce is correct about Les Earnshaw's early start in the radio field.
Actually, Kachina's main forte' has been military , government, and commercial radios for many years, selling into the 3rd world countries where telephone communications was non-existent. Kachina was founded by Les Earnshaw, ZL1AAX, who was the principal designer for some manpack radios for Southcom Radio out of S. Cal back in the 70's. Les also wrote for Editors and Engineers - Transistorized handbook, and a number of articles for the amateur publications. Les went in with

Herb Johnson to develop the Atlas 180, later the same circuits were used in the 21x series transceiver. Another of Les's input was with the Alda 103 transceiver. Apparently the manufacturers of that were not to his liking and their association was short-lived. After that, he started Kachina radio.

I noticed on the website that his son is a VP, so I suspect it is still a family operated business. Don't recall what Les's amateur call is now but after ZL1AAX, he went for a VE7 call (before they dropped the citizenship thing for U.S. calls) and later had a 2 x 2 KB7 call.

73

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2
FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 May 2001 15:23:47 +0100

From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>

To: blinn@smgazette.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [98800] Re: [MH101] VFO pics tomorrow

Message-ID: <5.0.2.1.0.20010524151234.00aa8060@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Bill et.al.,

The varactor is in the correct position. Good picture and I appreciate the ruler with the metric side showing. ;-)

Here is how to tell the cathode lead. Take varactor and place the flat side facing you with the leads down. The one on the right is the cathode. In my parts layout

you will note a "K" next to the top lead of D1 to indicate the cathode and an "A" for the anode on the ground lead.

Another lead problem that you will run into is on the 8V regulator. With the flat side towards you and the leads down. The leads are output, ground, and input reading from left to right.

Most transistors in the plastic cases, varactors, and small voltage regulators are in the TO-92 packaging and after a few times you'll have this information memorized. :-) 2N2222A and 2N4401 are emitter, ground, and collector left to right with flat side facing you and leads down.

To measure the frequency put a frequency counter on the pad of C3 that will be going to U1 pin 6 or the pad between C10 and C9. C9 and C3 should isolate the counter from the circuit enough to not load it down to affect the measurements that much. And most frequency counters have a high impedance input any way. This assumes that you put the 8V regulator just to the right of the layout that I show.

FYI

Chuck Adams, K7QO CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Thu, 24 May 2001 10:28:14 -0500 (CDT)
From: Joe Smith <joey@joesmith.net>
To: qrp-1@lehigh.edu
Subject: [98801] MOV's
Message-ID: <Pine.LNX.4.10.10105241025410.13369-100000@nikola.joesmith.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have a good source for MOV's in bulk? I had a lightning hit last weekend and it took out a few of my power strips. None of my radios were connected so I didn't lose anything of value. :) Just a

couple of TV's, microwave, that QRO stuff.

72 de W0JOE

Date: Thu, 24 May 2001 15:39:13 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: rbaxter@cybertrails.com, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [98802] Re: Weller WTCPT Soldering Station
Message-ID: <5.0.2.1.0.20010524152942.009f3810@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:37 AM 5/24/01 -0700, bob baxter wrote:
>One caveat on the GI version from Fair Radio. Since there is no visual
>indication that the power is on you must remember to turn it off after
>using it.

>Bob Baxter AA7EQ
>Bisbee, Az.

I have gone and left the iron on a couple of times in the many years of building.
So what I do now is use a multiplug box with a switch like you'd use for a
computer, etc.
To it I have plugged in the iron, a desk lamp, and the 12cm square box fan for
blowing
smoke away from the soldering position.

That way I know when the soldering iron is on and I won't pick it up by the
tip. :-)
When I'm done soldering for the night/day/whatever I turn everything off at one
time.

BTW: the Weller 25W SP-23 iron is over 20 years old now and using the same Ungar
tip all this time. As it turns out Weller is still making the SP-23 but they made
the
element and the piece that holds it to the handle all one piece. Mine is a little
loose
and I'm about to yank the tip out of it and retire it after all these years. I
hope the tip
comes out without damage but I do have two more in the junk box. The Ungar tip
is no longer made, but I have found them at swap meets twice, so they are rare.
Ungar #PL-823 iron-clad tip and they were about \$1.70 each last time I found them.

Wonder is Ungar has some in a warehouse somewhere?

dit dit

Chuck Adams, K7Q0 CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Thu, 24 May 2001 15:43:37 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98803] Re: Weller WTCPT Soldering Station
Message-ID: <5.0.2.1.0.20010524154314.00aa75a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Wonder is Ungar has some in a warehouse somewhere?

Wonder if Ungar has some....

Chuck Adams, K7Q0 CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Thu, 24 May 2001 11:58:17 EDT

From: RangerSF5@aol.com
To: qrp-1@lehigh.edu, antennas@qth.edu, cliffdwellers@qth.net
Cc: granite1@btinternet.com
Subject: [98804] virus????????/PLEASE EAD
Message-ID: <c.16242d29.283e8999@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Subj: Re: [CliffDwellers] info on short window antenna
Date: 5/24/01 10:50:10 AM Atlantic Daylight Time
From: granite1@btinternet.com (David Henry III)
To: RangerSF5@aol.com

File: Card.pif (13312 bytes)
DL Time (28800 bps): < 1 minute

'RangerSF5@aol.com' wrote:

====

- Hi Gang,
- I relocated and although I have the OK for 1 2 meter vertical and 1 wire
- antenna I was thinking of that short (APPX 6 ft. LONG) antenna by B & W.
- Can anyone give me input on this?
- Can it be made longer for more capture area?
- Is it good enough for qrp operation?
- Any info will be greatly appreciated.
- Thank you
- Bob
- WA2HOQrp <tm>
-
- This list is sponsored by KMA Antennas
- HF - VHF - UHF
- Log periodics & unique 6 meter antennas
- htt ...'

> Take a look to the attachment.

Hi Gang,
Last week I received a total of 14 "E" mails sent direct to me just like this one.
They all had an attachment and a virus.
They go out with the senders mail and the sender does not know he has the bug.
One of the names were the same as this, Card.PIF.
They also had the short 1 liner (take a look to the attachment)
Also they all had 13,312 bytes.
David,

If you'r reading this do not send any E mail out untill you can confirm that you'r virus free.=====

Below are just 2 of the titles of the letters I received.

Notice that they are all the same bytes.

A letter from a member of the other list.

Subj: Re: [BoomerangTalk] I'M BACK

Date: 5/18/01 6:18:58 PM Atlantic Daylight Time

From: kkemp@cvusd.k12.ca.us (Kris Kemp)

Sender: kkemp@cvusd.k12.ca.us (Kris Kemp)

Reply-to: kkemp@cvusd.k12.ca.us (Kris Kemp)

To: RangerSF5@aol.com

They're viruses. check the posts on boomtalk from earlier this week. should find info on how to deal with it. Hope you didn't open any of the attachements!

=====

Subj: Fwd: [BoomerangTalk] newbie question

Date: 5/15/01 5:51:44 PM Atlantic Daylight Time

From: RangerSF5

To: flyingfrog@biosys.net

File: Me_nude.AVI.pif (13312 bytes)

DL Time (28800 bps): < 1 minute

=====

Subj: Fwd: [BoomerangTalk] QUESTION! Viper

Date: 5/15/01 5:49:07 PM Atlantic Daylight Time

From: RangerSF5

To: flyingfrog@biosys.net

File: searchURL.scr (13312 bytes)

DL Time (28800 bps): < 1 minute

----- Headers -----

Return-Path: <granite1@btinternet.com>

Received: from rly-xb02.mx.aol.com (rly-xb02.mail.aol.com [172.20.105.103])

by air-xb02.mail.aol.com (v77_r1.36) with ESMTP; Thu, 24 May 2001 09:50:10 -0400

Received: from carbon.btinternet.com (carbon.btinternet.com [194.73.73.92])

by rly-xb02.mx.aol.com (v77_r1.36) with ESMTP; Thu, 24 May 2001 09:49:46 -0400

Received: from [213.1.131.88] (helo=dave)

by carbon.btinternet.com with smtp (Exim 3.03 #83)

id 152vUh-0002Xn-00

for RangerSF5@aol.com; Thu, 24 May 2001 14:49:39 +0100

Message-ID: <001201c0e458\$1e8d3700\$588301d5@dave>

From: "David Henry III" <granite1@btinternet.com>

To: <RangerSF5@aol.com>

Subject: Re: [CliffDwellers] info on short window antenna

MIME-Version: 1.0

Content-Type: multipart/mixed;
boundary="-----=_NextPart_000_000F_01C0E460.7FB16760"
X-Mailer: Microsoft Outlook Express 5.50.4133.2400
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4133.2400
Date: Thu, 24 May 2001 14:49:39 +0100

Date: Thu, 24 May 2001 09:01:29 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: mpaley@wcnet.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98805] Re: Kachina military manpack
Message-ID: <3B0D3059.27366E9E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark Paley wrote:

>
> After all the fuss about Kachina going out of business I visited their web
> site for any information. I was surprised to see that they make (or made) a
> military manpack radio. I emailed Kachina asking if this radio was available
> to the ham community but have not heard back from them. Has anyone actually
> seen this radio or operated one. Any idea of what they might cost or what
> price they might fetch on the used market?
>

"military" equals a high price .. at least until they are surplussed.

Phil W7OX

Date: Thu, 24 May 2001 20:04:45 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: "qrp-l" <qrp-l@lehigh.edu>, "G-QRP" <gqrp@yahoogroups.com>
Subject: [98806] QRP-humor :-)
Message-ID: <20010524160539Z12061-55468+2054@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=Windows-1251
Content-Transfer-Encoding: 7bit

Hello Guys!
Read and smile, a little (QRP) anecdote:

...the Daily-Book of American QRPer:

Sunday "Yesterday I've drink with Russian QRPers. Near to die! :-("

Monday "Yesterday drink with Russian QRPers again. Better I died Sunday!"

Wish a good mood for All there!

By the way, this Saturday is a Birthday of my town Lipetsk.

72 & 73! de RV3GM/QRP Lipetsk, Russia

G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50

eng. Oleg V. Borodin E-Mail: master72@lipetsk.ru

Date: Thu, 24 May 2001 09:39:08 -0700

From: Jeff Stai WK6I <jstai@home.com>

To: n0rc@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [98807] Re: 'Lil RASCAL' PSK-31 interface FOLLOW-UP

Message-ID: <5.1.0.14.2.20010524092523.02b32b60@mail>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

hi - I also just finished a Rascal...

- I did find the need to cut holes in a soft plastic box disconcerting. My mechanical abilities are not great (ergo, a career in electronics!-) so anything like that which I am forced to do myself will be "icky". In this case, I must tape the box closed to keep it from popping open, and my wire holes are not terribly round...

- If I had been paying attention, I would have NOT followed instructions in one place: there is a double cable for PC sound hookup - one of the plugs is green and the other white. On my laptop, the green plug goes in the red socket, and the white plug into the green socket. Would have been nice to take advantage of the color coding... I may get 'round to fixing that later (right).

- I bought the "RASCAL 1YA" to use with my Yaesu-wired K2. Plans are later to incorporate the mods described in the recent QRP Quarterly to bring audio in on the mike and disable the K2 speech processing.

- Be careful soldering in the cable wires - you are basically "finding your own pads" with this design. I did get two wires backwards on the mike cable...

- It does work very well once you get it all together! My first contact was with someone north of San Francisco who was making his first PSK31 contact -ever-. I thought my interface was "cobbled together" - but it turns out he was transmitting by pressing his mike into his headphones on the computer...!

Rod - I will also be 6m, sometimes on PSK31, this weekend from grid DM07. What freq. will you be on?

73 - jeff wk6i

At 06:22 AM 5/24/01, Rod Cerkoney wrote:

>Gang,

>

>Got the Lil' Rascal and am back on PSK-31. Here is my book report:

>

>----- Original Message -----

>From: "Rod Cerkoney" <n0rc@hotmail.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Thursday, May 10, 2001 6:19 AM

>Subject: RFI: 'Lil RASCAL' PSK-31 interface

>

>

>> Folks;

>>

>> Anybody have direct experience with this device, found at:

>>

>> <http://www.packetradio.com/psk31.htm>

>>

>

>

>LIL RASCAL

>

>A nice kit in the sense that you get every thing you need for \$25 and
>the parts are good quality. I had a problem with the OPT0 isolator, it
>didn't work. I wrote Buck asking for a replacement here is his reply:

>

>---

>All parts in kits are tested before packing.

>

>There is no tech support for KITS built by otehrs.

>

>If you wish to receive a replacement, return the defective device, and
>include a 55 cent SASE
>and a replacement will be sent.

>

>73 de Buck4ABT

>---

>

>Not what I expected given my Elecraft, Small Wonder Labs,
>Wilderness...etc. experience but fair enough.

>

>If you go the 'Rascal route be prepared to do some case work. All you
>get is a plastic box and some velcro to mount things with, no biggie

>really, but if you are not expecting this, it might be disconcerting.
>
>I like the LIL' Rascal for it's "One Stop Shopping" advantage.
>
>PSK-31
>
>A fun mode, if you haven't tried it yet you simply must. It will never
>replace the elegant simplicity of CW; but having my rig lashed up to a
>computer and using the XCVR as a wireless modem, appeals to the
>"techno-geek" in me. ;-)
>
>
>ICOM 706MKIIG AS A PSK-31 RIG.
>
>In a word COOL! The 706 covers 14 bands, at a purchase price of ~\$1k
>that's about \$72/band. Quite a bargain. I'm definitely going to give
>2, 6 and 440 a try with PSK-31.
>
>I'm using the latest Digipan release and with the Wide SSB setting of
>the 706 (abt 2.4kHz) There is very little radio interaction required
>to "scan the bands".
>
>Also, the 706 finals can handle 100W continuous duty cycle on HF, less
>on VHF/UHF. So, dialed down to 5 watts or less the 706 can cruise all
>day with out difficulty. Minimum power looks to be about 2W. Just
>right for us QRP types and PSK.
>
>On the RX side, the DSP offered by PSK programs make up for the 706's
>not so hot RX specs. Last night there were a lot of very strong stations
>on 20m, but still I was able to copy the weak ones, even if they were
>within 5-10 Hz of the strong stations.
>
>With only 5W and my puny attic antenna, I was able to work S59F, NOVA
>GORICA, SLOVENIA.
>
>Look for me on 6M PSK-31 this weekend.
>
>73, Rod N0RC
>Ft Collins, CO
>
>*****
> SuperFest 2001 14-Jul-2001
> <http://www.qsl.net/n0rc/hamfest/hamfest.html>
> BE THERE!
>*****

jeff stai
radio stuff: WK6I in DM13

rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.
email: jstai@home.com or wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>
LDRS web page: <http://www.ldr20.org/>

Date: Thu, 24 May 2001 09:52:38 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <vhuntsinger@iwic.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98808] Re: Weller WTCPT Soldering Station
Message-ID: <009901c0e471\$f1be6cc0\$de0df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The \$99 Military version that I saw was from Antique Electronic Supply (<http://www.tubesandmore.com/>) when I was ordering some orange drops from my Viking II. You may try calling them and see if they have any left. That's a great deal for a Weller! They typically go for at least \$50 to \$75 for the used commercial unit at the local swap meets, and this one came with a bunch of tips and soldering aids. I have a 10+ year old WTCP that I bought used in like 1990, and it's been great. You keep that tip clean and it'll last for a long time. I use mine all the time and have had very little trouble with it. They're well worth the investment.

72/73
Trev
KG6CYN

----- Original Message -----
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, May 24, 2001 7:49 AM
Subject: Re: Weller WTCPT Soldering Station

> Out of curiosity, I went looking for the WTCPT on the Fair Radio Sales web
> page. Apparently it is available only in camouflage, because I couldn't
> find it. Any search tips for this site? I found a bunch of interesting
> stuff, but no WTCPT.
>
> Vance--WA9YDJ

Date: Thu, 24 May 2001 11:55:19 -0500
From: "George, W5YR" <w5yr@att.net>
To: blinn@smgazette.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98809] Re: [MH101] VFO pics tomorrow
Message-ID: <3B0D3CF7.AB899D02@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, "simple" as long as you remember that most VOM's have a positive voltage on the negative test lead when measuring resistance! <:}

Just to ensure balance in life, DMM's do it the "right" way: + on +, etc.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

blinn wrote:
(Revealing because EVERYONE knows how
> to check polarity using a simple VOM, Right?)

Date: Thu, 24 May 2001 12:51:30 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Steve Sorrell <ap036@detroit.freenet.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98810] Re: Weller WTCPT Soldering Station
Message-ID: <3B0D3C12.6BC77A6D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

I'd agree with that. I think it is a great value, but I know some will not like the obvious place it came from also!

Date: Thu, 24 May 2001 11:04:45 -0600
From: "Draper, Bruce L" <draperbl@sandia.gov>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [98811] RE: Portable Antennas?--try an "Inverted WYE"
Message-ID: <9A4B2157EFDBE546BEC68C62AC3B1C882DFD0@es05snlnt>
MIME-Version: 1.0
Content-Type: text/plain;
charset=windows-1252
Content-Transfer-Encoding: 7bit

Both Doc and Dave hit on the good points of the antenna: It's easy to put up, it puts out a decent signal, and it's compact. In fact, the 20-meter version I use for backpacking fits entirely in one small zip lock sandwich bag -- the vertical element, 4 resonant counterpoises, feedpoint with coax pigtail, and nylon cord to tie the vertical element to an overhanging tree branch. It takes only 5 or 10 minutes to get it working.

But both Doc and Dave also commented on its possible lack of efficiency. In fact, I've run a lot of comparison tests against a simple inverted vee at 30 feet, and the vee is almost always better by at least an S unit. Sometimes significantly more. Of course, it's usually more difficult to get the vee in the air, not to mention carrying the extra coax on long backpacking trips.

For simplicity, I take the vertical (WYE) on long trips with casual operating. For QRP field contests, where signal strength is important, I always use dipoles and vees.

-Bruce AA5B

Date: Thu, 24 May 2001 12:12:48 -0500
From: "George, W5YR" <w5yr@att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98812] Re: Weller WTCPT Soldering Station
Message-ID: <3B0D4110.A37D06F0@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks for all the good leads on the soldering station - got many responses with several favoring Fair Radio and the surplus version.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Thu, 24 May 2001 11:19:21 -0600
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>
Subject: [98813] Re: FS: K1
Message-ID: <0E198v4rsuFNPZaVCNt00005bb1@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The K1 is spoken for. Thanks everybody for your interest.

73, Rod

----- Original Message -----
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>;
"Elecraft-list" <elecraft@qth.net>
Sent: Thursday, May 24, 2001 7:36 AM
Subject: [Elecraft] FS: K1

> Recently built working FB, hardly ever used, \$425 shipped CONUS
>

Date: Thu, 24 May 2001 09:22:05 -0700
From: Louis Hlousek <lhlousek@nvhbell.net>
To: draperbl@sandia.gov, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98814] Re: Portable Antennas?--try an "Inverted WYE"
Message-ID: <002a01c0e46d\$ae38cc60\$650dfea9@0016297931>
MIME-version: 1.0
Content-type: text/plain; charset="Windows-1252"

Content-transfer-encoding: 7bit

<<I've run a lot of comparison tests a...and the vee is almost always better by at least an S unit. ...it's usually more difficult to get the vee in the air, not to mention carrying the extra coax >>>

Use an inverted vee but feed it at the end. You need a small pill vial L/C match but it beats carrying and stringing up the coax. You can just throw the 1/2 wave wire over the tree with the center at the highest point.

Lou W7DZN

Date: Thu, 24 May 2001 12:34:05 -0500
From: "George, W5YR" <w5yr@att.net>
To: hlousek@nvhbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [98815] Re: Portable Antennas?--try an "Inverted WYE"
Message-ID: <3B0D460D.7A021329@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How about the counterpoise wire to be carried instead? Have to feed that LC circuit against something . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Louis Hlousek wrote:

>
> <<I've run a lot of comparison tests a...and the vee is almost always
> better by at least an S unit. ...it's usually more difficult to get the
> vee in the air, not to
> mention carrying the extra coax >>>
>
> Use an inverted vee but feed it at the end. You need a small pill vial
> L/C match but it beats carrying and stringing up the coax. You can just
> throw the 1/2 wave wire over the tree with the center at the highest

> point.
>
> Lou W7DZN

Date: Thu, 24 May 2001 10:02:02 -0700
From: Louis Hlousek <lhhousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>
Subject: [98816] Re: Porable Antennas?--why a WYE?
Message-ID: <005001c0e473\$41252820\$650dfea9@0016297931>
MIME-version: 1.0
Content-type: text/plain; charset="Windows-1252"
Content-transfer-encoding: 7bit

<<<How about the counterpoise wire to be carried instead (of the coax feedline)>>>

The counter poise wire for an end fed half wave antenna can be short and very light gauge since you are working on the high impendence end of the antenna. 6 feet of 28 AWG is more than adequate. Some simply use a 6 foot piece of RG174 from the rig to the match and let the shield serve as the counterpoise. Really fussy guys will put a 1:1 choke balun near the rig (coil of coax or ferrite beads).

"HF Antennas for all Locations" by Moxon has a lot of good info on this.

If you still don't like that try using a 1/4 length of RG174 with a 1/4 of wire attached to the center conductor. You feed this at the end but it is really a centerfed dipole with the wire serving as one leg and the shield of the coax as the other. Again, you can put a coil in the coax at the 1/4 wave point to serve as a choke balun.

Lou W7DZN

Date: Thu, 24 May 2001 12:05:18 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [98817] Try the C0 SuperFest
Message-ID: <Pine.SUN.4.10.10105241141440.13249-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

About 2 months ago, I was asked by Rod NØRC and Jerry WØMC if I would give a talk at the Colorado SuperFest in Loveland, CO July 14th. I said pencil me in for now. Then last week, about a mere hour before I took off for Denver (unrelated business) , Rod emailed and said they wanted to get the flyers out and needed a commitment. I said ink me in this time -- I'll be there on July 14th.

Fast forward less than 24 hours ... I'm now in Denver and decided to go by HRO (Ham Radio Outlet) in Aurora/south Denver to get a battery BV pack for that handheld VHF thingie I have. I walk in and notice this nice color flyer about some hamfest, so started to read it ... and quickly saw "Paul Harden, NA5N - Keynote Speaker." !!! A real shock to drive 9.5 hours and the first thing you see is your name hanging on the wall. I then checked to make sure it wasn't a flyer for "America's Most Wanted" or something. Whew -- it wasn't!

The moral of the story is these Colorado guys move fast! They got those flyers out and about before I knew Rod even got my email :-). Don't know who all is involved with the Colorado Superfest yet, but they are doing a great (and fast!) job organizing the event, including lots of QRP activities. To quote George Peppard of the A-Team "Love it when a plan comes together."

I will be giving a talk to the general hamfest audience on solar activity and propagation, and really look forward to it since they have also made arrangements for the solar people -- NOAA/SEC from Boulder -- to be there as well. They will be bringing their outreach multi-media presentation as a booth, so plenty of opportunity to learn all about the solar and HF propagation stuff. I will also be there friday nite and bumb around and help out with the QRP gang for as long as they will have me.

I'm really looking forward to the Colorado SuperFest. It's a hamfest I've never been to before, and it is ALWAYS a blast to meet a whole new bunch of hams and QRPers. So if you are within a couple hours of driving from Loveland, Colorado, please plan on attending to help the event, and of course looking forward to meeting all of you. It is the weekend before Ft. Tuthill, I believe. And since Ft. Tuthill is not having any QRP presentations or forums this year, you can get your fill there. Also hoping to see a bunch of the Colorado QRP Club (CQC) gang there as well.

Stay tuned for details. We are thinking about getting a QRP test equipment table put together for friday night, maybe saturday night, so if you want to see how your rig works (MDS, dynamic range, output purity, etc.) or maybe a little help getting something you built working, bring it by. Details later.

Thanks Rod, Jerry and the Colorado gang for the invite and look forward to being there - providing those blasted snow storms you keep getting come to an end!

72, Paul NA5N
CQC #133

Date: Thu, 24 May 2001 13:46:20 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [98818] Re: Portable Antennas?--try an "Inverted WYE"
Message-ID: <200105241818.f40IIY418556@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> What I do is construct a simple 1/4 wave vertical antenna with two above
> ground counterpoise wires. Sometimes in the literature this is called an
> "inverted wye", due to its shape:

>

I used this type of antenna last weekend up at the AT shelter. (40M version) But I eliminated the feedline and feed the system pretty much right out the back of the rig. The radials laid right on the ground. I brought along a resistive SWR brige and the SWR was a bit high. It's not calibrated so don't know exactly how bad it was. Did get out though.

The next day after I came down from the shelter, set the system up in the park to try and adjust the length for a good match. Found that the SWR varries with how the radials are placed and how well up in the tree the vertical element is. So, it looks like I'll need to fix up a tuner of some sort to tweak the match, to null out variations in the way it's set up, site to site. Or break down and add 20 ft of feed line...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 24 May 2001 13:46:17 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu

Subject: [98819] Re: [MH101] VFO pics tomorrow
Message-ID: <200105241818.f40IIa418577@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> I will have VFO pics tomorrow. I have to run to WalMart early
> and get the film developed and then scan them in.
>

Why not put the board directly on the scanner? I had a friend put the original MS-15 board on his flat bed scanner and was blown away with the results. Apparently, these things have nearly infinite depth of field. It will make a remarkably nice picture of any three-dimensional object you can fit on top of the scanner. (although getting an angle view might be tricky)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 24 May 2001 13:22:21 -0500
From: "Jim" <sunwatt@starband.net>
To: "QRP-L" <qrp-L@Lehigh.edu>, <qrpp@yahoogroups.com>
Cc: "K2-L" <elecrafft@qth.net>
Subject: [98820] CQ World Wide CW DX contest QRPp challenge
Message-ID: <000b01c0e47e\$83af7460\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you've never worked the CQWW or ARRL DX CW contests with <1 watt you REALLY need to give it a try! The CQWW test is this next Saturday & Sunday.

Milliwatting is highly addicting so I warned ya!

If you find yourself getting a little bored with working this contest with 5 watts, just try it with 800mW and see how you like that.

See how many DXCC's you can get with less than one watt, and post your results for all to see !

I hope allot of you'all have been watching the bands this week. Many of the DX stations are setting up in the few days before the start of this MAJOR contest. So you can grab them now if you're lucky.

During the contest I'll be tuning up and down the cw sub bands looking for new DXCC's CQ'ing with no callers, or small pileups.

My power will be my standard "DX gettin" power of 750mW. Less power will be used if a needed DX stn is 599++!

In the last ARRL DX test, 2-18-01 I bagged HC8N with 4 milliwatts on 10M.

Right now I have abt 73 DXCC's confirmed, all with milliwatts. QRP ARCI offers the QRP DXCC with Milliwatt endorsement.

That's what I'm working toward as my personal challenge. That's what "turns my crank" I guess.. Hi hi

I have a list of my mW DXCC contacts on my KJ5TF webpage listed below.

In the contest I'll be using the N3FJP CQ WW Contest Logging Program. It's free to download and try. Cheap to register.

snkdavis@aol.com <http://www.n3fjp.com>

The shack equipment is the Elecraft K2, WM-2 QRP Wattmeter, 20M half square, and 2 el quad for 15 and 10M bands.

Have fun!

72's de Jim KJ5TF

"All Milliwatts, All The Time"

<http://sunwatt.homestead.com/Main.html>

Date: Thu, 24 May 2001 14:20:27 -0400

From: ed.kwik@delphiauto.com

To: qrp-l@Lehigh.EDU

Subject: [98821] Sources for solar pannels/cells

Message-ID: <05256A56.0064F511.00@notes.delphiauto.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Thinking about a small 50 to 100 ma solar panel for use on field day to trickle charge a gel cell while operating. Anyone got a source for cheap panels or cells?

Ed AB8DF

Date: Thu, 24 May 2001 14:24:43 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [98822] Crystal sources: 7040/7030
Message-ID: <20010524.142450.-394119.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Y'all,

Anybody know where I can find inexpensive crystals for the two 40m QRP frequencies?

I'm about to start on the FOXX3 and, although it comes with a 40m xtal, it's got a 7113 xtal instead of the "other" frequencies. It's not that I don't want to be on 7113, it's just that I'd like to have the other 40m freqs so I can click another switch on the yet-to-be-constructed front-panel.

US sources, of course.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 May 2001 14:29:44 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [98823] RE: Sources for solar panels/cells
Message-ID: <078F21595FA7D411B87B00805FA728E64A47C4@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Harbor Freight, when they are on sale are about \$15.00 RS.COM has them on sale occasionally for ~\$10.00

Jerry
W3CDE

-----Original Message-----

From: ed.kwik@delphiauto.com [mailto:ed.kwik@delphiauto.com]
Sent: Thursday, May 24, 2001 2:20 PM
To: Low Power Amateur Radio Discussion
Subject: Sources for solar pannels/cells

Thinking about a small 50 to 100 ma solar panel for use on field day to trickle charge a gel cell while operating. Anyone got a source for cheap panels or cells?

Ed AB8DF

Date: Thu, 24 May 2001 12:32:53 -0600
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [98824] Re: Try the CO SuperFest
Message-ID: <0E36GzADBJWcNjOuk8c00006d5e@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul,

Thanks for the nice posting. We purposefully scheduled our fest in July to minimize the risk of "snow delays". ;-)

Folks, if you've never been to Colorado in the summer--it can snow in July, up in the mountains! I've been at 12000+ ft and have seen it. A thin layer of snow makes a nice ground plane for an SLV @12kFt ASL.
;-)

Hope to see many of you at our fest this year.

FWIW: We'll have Elecraft represented by local builders at the "QRP Corner". Maybe next year we can get Wayne or Eric--But, this year we'll have to settle for cardboard cut-outs. ;-)

73, Rod.

----- Original Message -----

From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 24, 2001 12:05 PM
Subject: Try the C0 SuperFest

....

> Thanks Rod, Jerry and the Colorado gang for the invite and look
> forward to being there - providing those blasted snow storms you
keep
> getting come to an end!
>
> 72, Paul NA5N
> CQC #133
>
>
>

Date: Thu, 24 May 2001 20:40:20 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [98825] Re: Crystal sources: 7040/7030
Message-ID: <010701c0e481\$0001b580\$2aae01d9@ingo>

Hello Nils,

> Anybody know where I can find inexpensive crystals for the two 40m QRP
> frequencies?

German magazine Funkamateurr (in German):

<http://www.funkamateurr.de/cgi-bin/fashop/spez68?GiX2o3DX;;44>

9,50 DEM for each crystal + shipping

> US sources, of course.

Sorry, is not. ;-)

72 de Ingo, DK3RED

E-Mail: dk3red@t-online.de - Homepage: <http://www.t-online.de/~dk3red>

Date: Thu, 24 May 2001 19:00:52 -0000
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [98826] Painting Antennas
Message-ID: <F17xRYG6jj69EHaz8kI00001e39@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I wonder if it would be OK to paint an antenna to "stealth-ify" it. Will that change any characteristics of the antenna? I'm going to get a discone antenna from Radio Shack to use with my 2 meter and scanner rigs. I was thinking of a spray-on enamel or laquer.....

Tom

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 24 May 2001 11:16:49 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [98827] Re: Kachina military manpack
Message-ID: <20010524111649.B20957@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Per the ualr.edu callsign server:

KB7FA
EARNSHAW, LESTER A
PO Box 1584
SEDONA AZ, 86339
Class: ADVANCED

Previous Class:
Previous Callsign:
License Status: Active
Grant Date: 03/29/1994
Expired Date: 03/29/2004
Effective Date: 03/29/1994
Last Action Date: 03/29/1994

On Thu, May 24, 2001 at 09:02:32AM -0600, William R Colbert wrote:

> Bruce is correct about Les Earnshaw's early start in the
> radio field.
> Actually, Kachina's main forte' has been military ,
> government, and commercial radios for many
> years, selling into the 3rd world countries where
> telephone communications was non-existent. Kachina was
> founded by Les Earnshaw, ZL1AAX, who was the principal
> designer for some manpack radios for Southcom Radio
> out of S. Cal back in the 70's. Les also wrote for Editors
> and Engineers - Transistorized handbook, and a number
> of articles for the amateur publications. Les went in with
> Herb Johnson to develop the Atlas 180, later the same
> circuits were used in the 21x series transceiver. Another
> of Les's input was with the Alda 103 transceiver. Apparently
> the manufacturers of that were not to his liking and their
> association was short-lived. After that, he started Kachina
> radio.
>
> I noticed on the website that his son is a VP, so I suspect it
> is still a family operated business. Don't recall what Les's
> amateur call is now but after ZL1AAX, he went for a VE7 call
> (before they dropped the citizenship thing for U.S. calls) and
> later had a 2 x 2 KB7 call.
> 73
>
>
> "The more I see of the representatives of the people,
> the more I admire my dogs." letter from Count d'Orsay
> Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2
> FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS
>
>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 24 May 2001 15:54:15 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: tdufres@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [98828] Re: Painting Antennas
Message-ID: <3B0D66E7.B7A8762E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,

In general paint will not affect an antenna's performance. It actually becomes part of the antenna. Just don't paint over insulators or other connections.

73

Date: Thu, 24 May 2001 13:06:11 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [98829] Re: CQ World Wide CW DX contest QRPP challenge
Message-ID: <20010524200611.216.qmail@web208.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good luck in the fray this weekend Jim. You probably already know this, but it is the CQ WW WPX contest this weekend, not the CQ WW DX contest. As far as I can discern, the logging software you mentioned in your message is designed for CQ WW DX and if you use it this weekend you will have a creatively scored log, to say the least ;-)

GL/73,
Barry N1EU

Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices

<http://auctions.yahoo.com/>

Date: Thu, 24 May 2001 20:19:22
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [98830] Re: HIGHER FREQS
Message-ID: <F18042kMhTJA2tKWcag00008e35@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Joel KE1LA wrote about HF:

>...and the frequencies are user friendly for expermenting...

With all due respect, this doesn't sound like the voice of experience.

The notion that higher frequency radios are somehow "more difficult" is complete and utter nonsense, perpetuated by people who wouldn't know a GaAsFET from a chip resistor.

Different? Yes. Of course.

Non-experimental? Nonsense! Quite the contrary, in fact.

Non-user friendly? Nonsense! Ditto.

Let's keep the mythology where it belongs. This is (was?) a hobby of technology.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Thu, 24 May 2001 16:33:24 -0400
From: tailfeathers@juno.com
To: Jerry.Lofstead@itb.mckhboc.com
Cc: qrp-1@Lehigh.EDU
Subject: [98831] Re: Weller WTCPT Soldering Station

Message-ID: <20010524.163325.-204607.1.tailfeathers@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I didn't see anyone say or not but they are all sold out. :>(

Gary

On Thu, 24 May 2001 10:14:34 -0400 "Lofstead, Jerry"

<Jerry.Lofstead@itb.mckhboc.com> writes:

> The extra tips alone are worth about \$75.00 !!!! It comes in a metal
> box

> that holds the whole thing . I absolutely love mine. Best purchase
> in

> years!. When you consider it comes with the De-soldering part and
> IC tips

> make it a WOW WEE!

>

> Jerry

> W3CDE

>

> -----Original Message-----

> From: Steve Sorrell [mailto:ap036@detroit.freenet.org]

> Sent: Thursday, May 24, 2001 8:09 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: Weller WTCPT Soldering Station

>

>

> I LOVE Olive Drab!!!! It is a great bargain because the 99 buck

> version

> from Rat Shack DOESN'T include the extra tips, etc. Besides, no one

> in the

> family will come near the work bench, hence, they never notice the

> color of

> the soldering station.

> de Steve, W8SFF

>

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 May 2001 13:30:26 -0700

From: Arthur G Silvers <ags@ieee.org>

To: qrp-1@Lehigh.EDU

Subject: [98832] Re: Weller WTCPT Soldering Station
Message-ID: <3B0D6F62.B5452BA7@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just in case anyone is interested in a Weller controlled/variable
temp model, check out...

<http://www.wassco.com/desforconpro.html>

for a \$99 sale price.

72/3
Arth W6AGS

Date: Thu, 24 May 2001 16:36:55 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org, n9avg@amsat.org
Subject: [98833] [CONTEST] QRP Contest Calendar 5/26-6/5
Message-ID: <3.0.6.32.20010524163655.008c3100@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

May 26 - June 5, 2001  
~~~~~

Anatolian RTTY WW Contest (Turkey)

May 26 - 0000z to May 27 - 2400z

Rules: <http://www.sk3bg.se/contest/anrywwc.htm>

"RTTY All Bands"
~~~~~

CQWW WPX Contest (CW) ... QRP Category

May 26 - 0000z to May 27 - 2400z

Rules: <http://ourworld.compuserve.com/homepages/n8bjq/>

"Great DX"

~~~~~  
QRP ARCI Hoot Owl Sprint (CW) ... QRP Contest!

May 27 - 2000 to 2400 (Local Time)

Rules: <http://personal.palouse.net/rfoltz/arci/hoot.htm>

"QRP Fun"

~~~~~  
Michigan QRP Memorial Day Sprint (CW) ... QRP Contest!

May 28 - 2300z to May 29 - 0300z

Rules: <http://www.qsl.net/k8dd/miqrp/rules01.htm>

"Bonus Points on HB Equipment"

~~~~~  
AND LATER.....

~~~~~  
IARU Region 1 Fieldday (CW) ... QRP Category

Jun 2 - 1500z to Jun 3 - 1500z

Rules: <http://home.sol.no/~janalme/rules/iaru1fd.txt>

"Warm up for US/Canada Field Day?"

~~~~~  
W W South American Contest (CW) ... QRP Category

Jun 2 - 0000z to Jun 3 - 1600z

Rules: <http://home.online.no/~janalme/rules/samerica.txt>

"Work anyone. Prefix multipliers"

~~~~~  
QRP TACTical Contest (CW) ... QRP Contest!

Jun 2 - 1800z to 2400z

Rules: <http://www.n3epa.org/Pages/TAC-Contest.htm>

"Telephone Area Code (TAC) Multipliers"

~~~~~  
Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jun 5 - 0100z to 0300z (Monday evening US/Canada)

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

"Testing of lightweight radio gear suitable for outdoor QRP expeditions"

~~~~~  
Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ  
N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 24 May 2001 15:44:19 -0500

From: "Kevin Muenzler, WB5RUE" <[wb5rue@arrl.net](mailto:wb5rue@arrl.net)>

To: <[tdufres@hotmail.com](mailto:tdufres@hotmail.com)>, "'Low Power Amateur Radio Discussion'" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [98834] RE: Painting Antennas

Message-ID: <000701c0e492\$4efc2740\$ef5d6f81@v8.uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You should be ok. Be sure you get paint that will work on aluminum or stainless steel (whichever you have). It MIGHT change the characteristics a bit but not very much.

72/73

Kevin, WB5RUE

It is better to seem ignorant and learn than to seem wise and stay ignorant.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Tom Dufresne  
Sent: Thursday, May 24, 2001 2:01 PM  
To: Low Power Amateur Radio Discussion  
Subject: Painting Antennas

I wonder if it would be OK to paint an antenna to "stealth-ify" it. Will that change any characteristics of the antenna? I'm going to get a discone antenna from Radio Shack to use with my 2 meter and scanner rigs. I was thinking of a spray-on enamel or laquer.....

Tom

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com>

-----  
Date: Thu, 24 May 2001 13:41:16 -0700  
From: Arthur G Silvers <ags@ieee.org>  
To: qrp-l@Lehigh.EDU  
Subject: [98835] Re: Weller WTCPT Soldering Station  
Message-ID: <3B0D71EC.FE707C95@ieee.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Forget that! The same WES50 is on sale from RS for \$89. Also the WTCPT is listed for \$89.

Arthur G Silvers wrote:

> Just in case anyone is interested in a Weller controlled/variable  
> temp model, check out...  
>

> <http://www.wassco.com/desforconpro.html>  
>  
> for a \$99 sale price.  
>  
> 72/3  
> Arth W6AGS

-----  
Date: Thu, 24 May 2001 15:51:38 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: marsgal42@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [98836] Re: HIGHER FREQS  
Message-ID: <3B0D745A.2511B859@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Was . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

laura halliday wrote:

>  
> Let's keep the mythology where it belongs. This is  
> (was?) a hobby of technology.

-----  
Date: Thu, 24 May 2001 13:58:42 -0700 (PDT)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [98837] Re: Sources for solar pannels/cells  
Message-ID: <20010524205842.57042.qmail@web10005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- ed.kwik@delphiauto.com wrote:

>

> Thinking about a small 50 to 100 ma solar panel for use on field day  
> to trickle  
> charge a gel cell while operating. Anyone got a source for cheap  
> panels or cells?

Also try Ebay. I bought a couple of 17V 300ma solar panels for \$49 total there.

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

-----  
Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices

<http://auctions.yahoo.com/>

-----  
Date: Thu, 24 May 2001 14:07:35 -0700 (PDT)

From: Bill ROWLETT <kc4atu@yahoo.com>

To: w5yr@att.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [98838] Re: HIGHER FREQS

Message-ID: <20010524210735.79134.qmail@web14204.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

IS.....

You just have to look in the right places. The old is out and the new is in. Software will take over all but the RF sections, and life with amateur radio will still go on, no matter how hard some people dig in their heels or how deep they stick their heads in the sand. The times and the ways radio work is changing. Come along for the ride, its going to be fun.

Bill, KC4ATU

-----  
Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices  
<http://auctions.yahoo.com/>

-----  
Date: Thu, 24 May 2001 14:17:14 -0700  
From: stjohnd@ocsnet.net  
To: jaywa5whn@juno.com, qrp-1@lehigh.edu, nk7m@extremezone.com  
Subject: [98839] Fort Tuthill  
Message-ID: <3B0D7A5A.750B8DB@ocsnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just last Monday (three days ago) made sked for Fri and Sat nights  
July 27 and 28 2001 at  
Super 8 in Flagstaff. There are two of these motels there. I took the  
closer one.

(I don't know them personally -- just get a 10% discount either for  
being a senior or for carrying their free Super 8 reservation card --  
standard disclaimer)

Came to \$71 plus tax per night. No mention about a shortage.

Their national # 1-800-800-8000.

Sure, you bet I will be there. My sister KD6WLT and our two spouses  
plan to attend. Make that four of us, Jay and Bob and gang

Tom Upton AD6N Porterville CA 119 W at 36 N.

-----  
Date: Thu, 24 May 2001 17:43:44 -0400  
From: Tom Isgro <k8cz@concentric.net>  
To: K2UD@adelphia.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98840] Re: These Flying Pigs  
Message-ID: <3B0D808F.7787E870@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks Howard, we hope it catches on.  
--

"No matter where you go, there you are"



72, 73 oo's  
Tom K8CZ Hamilton, OH  
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,  
10-10 68364, SCI 1479, ARS 203, SOC 336, ARRL

<http://www.geocities.com/k8cz/qrp.html>

-----  
Date: Thu, 24 May 2001 15:20:29 -0700 (PDT)  
From: Tom Popovic <ki3r@yahoo.com>  
To: ed.kwik@delphiauto.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [98841] Re: Sources for solar pannels/cells  
Message-ID: <20010524222029.31747.qmail@web11202.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hello Ed ... I got mine at the Electronic Goldmine  
...very nice people to deal with. 73 Tom KI3R Port  
Vue Pa. nr Pittsburgh ....btw they do have an online  
catalog.

--- ed.kwik@delphiauto.com wrote:

>  
> Thinking about a small 50 to 100 ma solar panel for  
> use on field day to trickle  
> charge a gel cell while operating. Anyone got a  
> source for cheap panels or  
> cells?  
>  
> Ed AB8DF  
>  
>

=====

The common good was the claim and justification of every  
tyranny ever established over men. Every major horror of  
history was committed in the name of altruistic motive...  
Actors change, but the course of the tragedy remains the  
same. Ayn Rand 1943

-----  
Do You Yahoo!?

Yahoo! Auctions - buy the things you want at great prices  
<http://auctions.yahoo.com/>

-----  
Date: Thu, 24 May 2001 18:21:44 -0400  
From: Dave Fouchey <dafouchey@home.com>  
To: jamesd1@flash.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [98842] Re: Don't Use End Insulators  
Message-ID: <4.1.20010524181600.00918cf0@mail>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

As for the Tie Wraps as center insulator, the ones with a screw hole work just fine for a center support, usually though I just use a small piece of scrap lexan with a notch on both sides in the middle and a couple holes drilled in the ends, again looping the coax around the notch and securing it with a tie wrap and using monofilament for the end insulators as you suggested. Current 40 Mtr. Dipole at the home QTH is built that way using #18 green enameled wire, darn near invisible against the trees and works fine. It's also small and light enough to roll up on an empty fishing line spool for carrying out and about.

73

Dave

WA4EMR/8

At 07:53 PM 5/23/2001 -0600, James R. Duffey wrote:

>Barry - Don't bother with end insulators. I use Nylon monofilament line and  
>tie a sheet bend with the copper wire as a loop. These work fine, are  
>lightweight, and the monofilament is a great insulator. Nylon monofilament  
>is fishing line. 45 or 50 lb test is fine and you can buy 100s of feet of it  
>at your local X-Martget for \$2.29.

>

>Look in your Boy Scout Handbook for how to tie a sheet bend. The Girl Scout  
>Handbook has knot directions in it too. I have several of each.

>

>On the other hand, end insulators make fine center insulators for coax. The  
>Handbook (ARRL, not Boy or Girl Scout) used to show how to do this. Mayve it  
>still does. Loop the coax around the insulator for strain relief and solder  
>the leads to the antenna. I always thought that tie-wraps could be used as  
>lightweight center insulators, but I have yet to try this. Field day is a  
>bad time to try unproved ideas by the way. Do it the week before, or take a  
>sick day Friday to try it. I get the antenna flu a lot. Especially in early  
>spring.

>

>Remind me to tell you of the time Hashifisti Scratchi had a BC-610 for field  
>day at his brother's ranch and caused severe interference to the milking  
>machines. - Dr. Megacycle KK6MC/5

>--

>James R. Duffey KK6MC/5

>30 Casa Loma Road

>Cedar Crest, NM 87008

-----  
Date: Thu, 24 May 2001 17:28:19 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <n1eu@yahoo.com>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [98843] portable antenna parts  
Message-ID: <010f01c0e4a0\$d58c5ce0\$4e100a0a@rohredt2000>

The most lightweight insulators are buttons or empty pill bottles if you want something for QRO. Vitamin bottles (white plastic) work great at QRP!

Poles that telescope and are light are the fiberglass fishing poles. Wal Marts should have them. Sporting goods stores, etc.

72,  
Stuart K5KVH

-----  
Date: Thu, 24 May 2001 20:29:26 +0100  
From: Larry Cahoon <lejek@erols.com>  
To: 70511.3041@compuserve.com, qrp-1@lehigh.edu  
Subject: [98844] Re: Portable Antennas?--try an "Inverted WYE"  
Message-ID: <5.0.2.1.0.20010524202350.009f5800@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:48 PM 05/23/01 -0400, you wrote:

>What I do is construct a simple 1/4 wave vertical antenna with two above  
>ground counterpoise wires. Sometimes in the literature this is called an  
>"inverted wye", due to its shape:

```
>
>          1
>          1      <- vertical element = 1/4 wave length
>          1
>          []      <- S0-239 connector
>         /  \
>        /    \      <- two above ground 1/4 wave length
>       /      \      counterpoise wires
>      /        \
>     /          \
```

>1. First, buy a "chassis mount" S0-239 connector from Radio Shack. This

>little item comes with four holes to mount the connector to a metal  
>chassis. This SO-239 connector becomes the centre piece of your vertical  
>antenna.

I get even simpler if I'm to use a vertical. First I just cut the vertical element and use three radials. I've got alligator clips on the end of the coax. One gets clipped to the vertical element and the other to the radials. Then I take advantage of the trees out here in the east and throw a piece of string over a limb and pull the vertical element up to the desired height - works like a charm. No need to carry a pole in that case.

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p/>

-----  
Date: Thu, 24 May 2001 17:43:42 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Phil Wheeler" <w7ox@earthlink.net>  
Cc: <qrp-l@Lehigh.EDU>, <elecraft@qth.net>  
Subject: [98845] Re: [Elecraft] SWL: BBC to cease NA broadcasting  
Message-ID: <013f01c0e4a2\$fbdd40b0\$4e100a0a@rohredt2000>

Actually, Phil,  
Numerous times I have received International Broadcasts via Long path, when they were beaming to someplace else. And when you are running the power they are to curtain or log periodic antennas, there is even considerable power in side lobes.

Stuart K5KVH

-----  
Date: Thu, 24 May 2001 18:45:35 -0400  
From: Paul Stroud <aa4xx@ipass.net>  
To: klqrp <Klqrp@knightlites.org>, QRP-L <QRP-L@lehigh.edu>  
Subject: [98846] Home are the sailors, home from the sea.  
Message-ID: <3B0D8F0F.403711EB@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang,

Last weekend's QRP kayak camping trip to Bear Island, NC was a lot of fun.

A highlight of the trip was running 2-3W SSB with the Small Wonder Labs White Mountain 20 into the beach mounted vertical phased array. We ended up working England, Lebanon, Canada, US, Denmark, Brasil, Russia, Belarus, Kuwait, Ukraine, Greece, and Bulgaria on 20M SSB during the weekend. Speaking of Kuwait, all three of us worked 9K2ZZ despite the rather large pileup he generated. We also worked OD5NH in Lebanon two nights in a row amidst his pileups. That little WM-20 is quite a rig--lightweight and quite small. We ran the whole weekend on one 12V 7AH battery.

Our campsite was on the edge of a pretty inlet on the east end of the island. Thanks to fellow adventurers John-WB40FT and Chris-KD4PBJ for a super time. We'll be sending some pictures along with a story to Adventure Radio Society soon.

72, Paul AA4XX

-----  
Date: Thu, 24 May 2001 18:40:45 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: tailfeathers@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [98847] Re: Weller WTCPT Soldering Station  
Message-ID: <3B0D8DED.86E41F14@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gary,

That's a good question. Do we have any Fair Radio employees on this list? Why don't you point your browser in their direction and ask them. They should know.

73

-----  
End of QRP-L Digest 2199

\*\*\*\*\*  
-----